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Lancaster Farming

VOL. 15 NO. 9 Lancaster Farming, Saturday, January 24, 1970 $2.00 Per Year

JACOB MUSSER, has a profitable FFA project of guinea pigs. At present he has 130 breeders. L. F. Photo

Jacob Musser Has 130 Breeder Guinea Pigs

A business that started with three sows and one buck has grown into a profitable FFA project for 17-year-old Jacob W Musser, East Earl R1 And when this Junior at Garden Spot High School discusses the advantages and problems of his pet project, he isn't talking about swine or deer For Jacob Musser has 130 breeder guinea pigs

"Guinea pigs don't mind cold weather, Musser says expertly, having been in the business for six years already "But they must not be subjected to extreme changes in temperatures or dampness" Jacob keeps his upper barn floor pens at 50 degrees with a gas heater

He feeds his all home-raised guinea pigs a special ration and good meadow hay You may not feet them alfalfa hay he says and rabbit feed has alfalfa in it Musser buys a half-ton of feed at a time and that lasts seven to eight weeks depending on the amount of hay fed or what off-fall greens he can obtain from local produce stores

A sow will, on the average, produce a litter every eight weeks and they have about five litters each year So, with Jacob's average of 4 5 pigs raised per litter, it becomes quite a multiplication proposition

"I enjoy working with the guinea pigs, Jacob says, "I like to watch them eat The most important management practices are to keep feed in their bins so

(Continued from Page 10)

Farm And Home Center Debt Down To $128,000

The debt on the Lancaster County Farm and Home Center is down to $128,000 This announcement was made Thursday night at the Foundation s annual banquet and business meeting held in the Farm and Home Center.

Although the financial statement prepared for the meeting stated the debt to be $140,000 as of the close of 1969, treasurer George Lewis said the recent antique sale plus contributions and extra building operation funds had made possible the further reduction of debt to the present stated figure

Sighting the minutes of the 1968 meeting that reported a debt at that time of $196,000, Lewis said we have come a long way but cautioned that there was only $15,000 left in pledges from the fund raising campaigns and nothing has been set aside for depreciation "So, we must keep the money coming in," he said

In other business, M M Smith, reported on the scholarships available for local youths in Home Economics or Agriculture colleges and seven directors were elected as follows Dr Harry K Gerlach, 57 Springhouse Road, Lancaster; John H Herr, 1564 Millport Road, Lancaster, J Eeverett Kreider, Quarryville R1; Richard P Maule, Quarryville R2, Mrs Glenn Myer, Kirk-

(Continued on Page 9)

Farm Management Meetings Scheduled

A series of Farm Management meetings have been scheduled to help farmers to be more efficient according to an announcement made by Jay Irwin, Associate Agricultural Agent this week The meetings will be held at the Farm and Home Center each starting at 8 p m

The dates and speakers are as follows

January 28 — "Estate Planning" Information concerning Investments, Savings, Insurance, Mutual Funds and other valuable information concerning estates Speaker Fred Hughes,

(Continued on Page 5)

Co. Poultry Association Meeting Next Thursday

The Lancaster County Poultry Association will hold the first of three informative meetings next Thurs , January 29, 7 30 p m at the Farm and Home Center, 1383 Arcadia Road, Lancaster

The program topic is "Market Stability and Producer Responsibility"

Speakers for the evening are Dr Floyd Hicks, Chairman Penn State University, Mr Maurice M Stein (Greene, Maine) President Maine Egg Farms and one of the founders of U E P Mr Jerry Faulkner (Atlanta Georgia) Manager, United Egg Producers, Mr. David Heflen (Scarborough, Maine) Manager D E Coster Egg Farms and formerly of NEPPCO, Mr Ray Delano (Durham, New Hampshire) Manager Northeastern Egg Marketing Association

The speakers have been in the forefront in trying to cooperatively achieve a better and more honest way of discovering the true egg price. There will be a question and answer session following their presentations

The second meeting will be held on February 26, at 8 00 p m. in the Farm and Home Center. The program will consist of "A Review of the Poultry Inspection Law" and a panel discussion on 'What do Consumers Want from an Egg?"

A third meeting will be held on March 17, at 8 00 p m in the Farm and Home Center also The program will consist of "Forced Moulting and Ventilation"

Information on the second and third meetings will be published at a later date

Farm Calendar

Sunday, Jan. 25
25-28—Southeastern Poultry and Egg Assn Convention, Atlanta, Georgia
Monday, Jan. 26
7 30 p m — Lancaster County FFA Chapter meets, Warwick
Tuesday, Jan. 27
7 30 p.m — Ephrata Young Farmer meet, Vo Ag room
7 30 p m. — Garden Spot Young Farmers meet, Vo Ag room
7 30 p m — Central Area 4-H Club meets, Landis Brothers, Manheim Pike
Wednesday, Jan. 28
9.30 a.m — Agway Dairymen's

(Continued on Page 11)

Lloyd Wolf Herd Tops In Milk Testing Association

The highest Lancaster County Dairy Herd Improvement Association average for the 1969 testing year was recorded by the Lloyd Wolf herd at Quarryville R2 Announcement of the high record of 16,730 pounds of milk and 660 pounds of butterfat on 41 6 cows was made at the annual DHIA dinner meeting held Tuesday at the Farm and Home Center Paul Welk, Herdsman for Wolf, accepted the award from association president, Richard Hess The Wolf herd under Welk's direction was also the top herd in the County in 1967

Second high herd honors went to J Mowery Frey Jr , 401 Beaver Valley Pike, Lancaster, with 15,814 pounds of milk, 657 pounds of butterfat on 58 cows

New directors were also announced for six districts as follows. No. 2, Harry Troop, No 5, James Kreider; No 8, Harry Ranck Jr , No 11, Isaac Hostetter, No 14, Robert L Kauffman Jr , and No 16 Elmer Weber

Victor Plastow, Associate County Agent, reported average for all County herds was 487 pounds of butterfat That compares with 490 in 1967 and 479 in 1968 He also reported 18 077 local cows on test

The annual report shows the average number of cows in County herds is 43 1 and the total value of the milk produced above feed costs was $499

Herbert Gilmore, Dairy Science Extension Penn State, reported the State DHIA has been approved as a non profit corporation This was done, he said, to protect directors of the association

He also reported 50 000 cows

(Continued on Page 9)

DHIA top herd award goes to Lloyd Wolf, Quarryville R2 (right) and his heardsman, Paul Welk (center). Making the presentation at the annual DHIA banquet, Tuesday, is Richard Hess, President. L. F. Photo

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review

January 22, 1970

CATTLE 1800 — Compared to last weeks close, Slaughter Steers uneven, weights under 1150 lbs mostly steady weights over 1150 lbs steady to 50 lower: Cows 1 00 1 25 lower, Bulls steady to 50 lower. Supply included an estimated 55 percent Slaughter Steers and 30 percent Cows and Bulls

SLAUGHTER STEERS — High Choice and Prime 975 1250 lbs 30 60-31 60, couple loads 1255 1300 lbs 30 00-30 25, Choice 950 1150 lbs 29 50-31 10; 1150-1300 lbs 29 25 30 50, 1350 1450 lbs 28 60 29 75, couple lots 1495-1515 lbs 28 10-28 25; high-Good and low-Choice 950-1250 lbs 28-60 29 75, 1200 1350 lbs 28 00 29-35 Good 27 00 29 00, Standard and low-Good 25 00 27 00

SLAUGHTER HEIFERS — Few Choice 900 950 lbs 28 00-28 50

COWS — Utility and high dressing Cutter 19 25-20 75, few mainly on Monday 20 85 21 85 Cutter 18 25 20 00 Canner and low-Cutter 17 50 18 50

BULLS — Choice 28 35-30 00, Good 27 50-28 50 Utility and Commercial 27 00 29 10

FEEDER STEERS — Few loads mixed-Standard and Good 1100 lbs Holsteins 29 50

CALVES 450 — Vealers closed steady to weak

VEALERS — Choice 51 00-54 00, few head 54 00-56 00, Good 46 00 53 00, Standard 43 00 47 00, Utility 34 00-42 00 Cull 90-120 lbs 28 00-30 00, 65-85 lbs 24 00-28 00

HOGS 900 — Barrows and Gilts 50-75 higher, Sows scarce

CLOSING SALES, BARROWS AND GILTS — One lot US 1 220 lbs 30 25 Couple lots US 1-2 190-

(Continued on Page 3)

Auction Only

January 21, 1970

CATTLE 837 — Compared to Monday, Slaughter Steers uneven, weights under 1150 lbs. mostly steady, weights over 1150 lbs steady to 25 lower, Cows 25-75 lower, Bulls steady to 50 lower.

SLAUGHTER STEERS — High-Choice and Prime 975-1250 lbs 30 60-31 60, Choice 950-1150 lbs 29 50-31 10, 1150-1300 lbs 29 25-30 50, 1300-1450 lbs 28 60-29 75; couple lots 1495-1515 lbs 28 10-28 25, high-Good and low-Choice 950-1200 lbs 28 60-29 75, 1200-1350 lbs 28 00 29 35, Good 27 00-28 75; Standard and low-Good 25 00 27 00

COWS — Utility and high-dressing Cutter 19 25-20 75, few 20 85-21 85, Cutter 18 25-20 00; Canner and low Cutter 17.50-18-50

BULLS — Choice 28 35 29 00, Good 27 50-28 35, Utility and Commercial 27 00-29 10

CALVES 26 — Small supply Vealers 1 00-2 00 higher

VEALERS — Choice 52 00-

(Continued on Page 3)

Vintage Auction

January 20, 1970

CATTLE 790 — Compared to last Tuesday, Slaughter Steers strong to 50 higher, with most late sales 50 higher, Cows steady to 1.00 lower, most decline on Utility, Bulls scarce, few sales fully steady.

SLAUGHTER STEERS — High-Choice and Prime 1050-1250 bs. 30 75-31 85; ten head 32.00-32 85; Choice 900-1200 lbs 29.75-31 00, several 31.00-31.60; Choice 1200-1325 lbs. 29 35-30 60; high-Good and low-Choice 28.60-30 00; Good 27.00-29 50; Standard 24 50-27 50

COWS — Utility and high-dressing Cutter 20 25-21 85, few 22.00-22 50; Cutter 19 25-21 00; Canner and low-Cutter 17 50-19-50.

BULLS — Good 26 85-28 35, couple Choice 28 75 30 00, Utility and Commercial 26 50-29 60.

CALVES 453 — Vealers steady to 1 00 lower

VEALERS — Choice 51 00-54-50, few 55.00 56 60, Good 47 00-51 00, Standard 41 50-47 00, Utility 35 00-41 00, Cull 90-120 lbs 28 00-32 00, 65 85 lbs 23 00-28 00

(Continued on Page 3)

New Holland Auction

January 22, 1970

CATTLE 646 — —Compared to last Thursday, Slaughter Steers week to 25 lower, most decline on weights over 1200 lbs; Cows strong to mostly 50 higher; Bulls 25-50 lower, instances 1 00 lower on Good and Choice. Supply included 45 percent Cows.

SLAUGHTER STEERS — High-Choice and Prime 1100-1400 lbs. 30.00-31.75; Choice 950-1200 lbs. 29 25-30.75, 1200-1350 lbs. 28.75-30 25; high-Good and low-Choice 1000-1200 lbs 28 50-29 50, 1200-1350 lbs. 28 00-29 00; Good 26 25-28.75.

COWS — Utility and high-dressing Cutter 20 25 22 00, few 22 00-22 50; Cutter 19 50-21.25, Canner and low-Cutter 17 50-19 50

BULLS — Choice 28 60-29 25; Good 26.50-28 35, Utility and Commercial 26 50-29 00

CALVES 373 — Vealers mostly steady.

VEALERS — Choice 51 00-53 50, several 54 00 56 00; Good 47 50 52 00, Standard 43 50-48 00 Utility 34 00 41 00, Cull 90-120 lbs 29 00-34 00, 65-85 lbs 25 00-31.00

COWS

January 21, 1970

Receipts of 34 cows sold steady Holstein 375 590, Other breeds 225 350

HORSES

January 19, 1970

Receipts of 217 horses sold steady Work horses (single) 225-275, (pairs) 600-780, Mules (single) 150-360, (pairs) 340-500, Riding horses 85-345, Driving horses 90-220, Killers 7-8, Ponies 10-35

HOGS

January 19, 1969

Receipts of 1114 hogs sold steady Retail 29 25-31, Wholesale 28 75-29 25, Sows 20 50 24-50, Boars 18-20

CALVES

January 19, 1970

Receipts of 133 calves sold steady Choice and Prime 49-54; Good and L Choice 43-48 50; Standard 35-42 50; Common 24-34 50.

HAY

January 19, 1970

Receipts of 12 loads of straw sold as follows: Alfalfa hay, $40-$46, Mixed hay $34-$40; and Straw $48-$55.

Chicago Cattle

Weekly Review

Compared with last Friday, steers 50-75 higher; slaughter heifers steady to 25 higher, cows 50-75 higher, bulls steady.

Local receipts 76 percent slaughter steers and 20 percent slaughter heifers with balance mostly cows Overall finish slaughter steers improved over past week with 27 percent Prime and 64 percent Choice, compared with 22 percent Prime and 70 percent Choice last week and 11 percent Prime and 74 percent Choice last year Average cost and weight slaughter steers estimated at 29 45 and 1200 lbs, compared with 29 30 and 1196 lbs last week and 29 34 and 1158 lbs last year Heifer supply mostly High-Good to Prime weighing 850-1050 lbs

SLAUGHTER STEERS — On Monday, couple loads Choice and Low-Prime 1000-1100 lbs. Yield Grade 2 and 3 31 00 Wednesday, Prime 1200-1400 lbs Yield Grade 3 and 4 29 75-30 50, load 1250 lbs. 30 75, load Prime 1550 lbs. Yield Grade 4 and 5 28 00, High-Choice and Prime 1150-1400 lbs. Yield Grade 3 and 4 29 25-30 25, Choice 950-1100 lbs 2 and 3 29.50-30.50, four loads 30 75, Choice 1100-1250 lbs 2 to 4 28 75-30.00, 1250-1400 lbs. 3 and 4 28.50-29.25, Choice 1400-1525 lbs 27.50-28 50, Mixed Good and Choice 950-1250 lbs 28 50-29 50

SLAUGHTER HEIFERS — On Wednesday, High-Choice and

(Continued on Page 3)

FUTURES TRADING

(Closing bids as of Thursday, January 21 1970)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
January				62.90
February	29.25	28.17		54.55
March			3.51	48.25
April	30.35	27.05	3.73	42.00
May			4.37	38.25
June	30.07	27.60		38.25
July		27.25		
August	31.15	26.25		
September				40.05
October	30.50-b			37.45
November			2.49	
December	30.25			

a-asked b-bid n-nominal

Trend Cattle are lower, Hogs are lower, Potatoes are steady and Eggs are steady

FRANK H. BUCHER
2160 Main St., Rothsville, Pa.
626-6504

LESTER ERB
312 S. Mount Joy St.
Elizabethtown, Pa 367-7112

JASON H. MELLINGER
R. D. 1
Strasburg, Pa. 687-6546

JONATHAN S. SHIRK
366 E. Main St., Bareville, Pa.
656 9302

EDGAR C. UMBLE
Pequea Ave.
Gap, Pa. 442-4525

Hoffman FARM SEEDS
FUNK'S G HYBRID
A. H. HOFFMAN SEEDS, Inc.
Landisville (Lancaster County), Pa.

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HORSE SALE — MONDAY at 10:00 A.M.

DAIRY SALE — WEDNESDAY at 12:30 P.M.

FAT STEERS, BULLS, COWS & VEAL — THURSDAY at 12:30 P.M.

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Abram W. Diffenbach, Manager Phone (717) 354-2194

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BULLS, STEERS, BUTCHER COWS,
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Box 100 Paradise, Pa.
10 mi. East of Lancaster on Rt 30
Kenneth E. Hershey, Sales Manager

Weekly Poultry Report

Delmarva

Ready-to-cook movement fair but unaggressive despite sharply reduced slaughter schedules today as a result of the bad weather Advance interest fair with occasional early commitment reported at 27c to New York next week. Less-than-trucklot prices mostly unchanged though occasionally slightly lower on Plant Grade. Undertone continues unsettled. Live supplies remain heavy and ample.

Negotiated trucklot prices 2-3# ready-to-cook broiler/fryer for delivery next week: U S. Grade A Tfewr; Plant Grade 27c. Pool trucklot (Thursday arrival at terminal markets): U.S Grade A 29-32 M 29½c; Plant Grade 28-30 M 28½c Special packs including 1¾-2, 3½ # sizes Tfewr.

Eastern Pennsylvania And New Jersey

Prices of light type hens often trended lower within an unchanged range Demand fair but less aggressive than in past weeks. Offerings while somewhat less than early in the month, still fully adequate for current needs as buyers generally booked ahead for the next two weeks. Offerings of heavy type hens generally short of a limited buying interest. Prices paid at farm: Light type hens 8½-12 M 11-11¾c. Heavy type hens Tfewr.

Fogelsville

January 20, 1970

(Prices paid dock weights, cents per lb except where noted)

HENS, heavy type, 10½-28 mostly 15 22; PULLETS, 18-32; ROASTERS, 10-33 mostly 28-32½, DUCKS, 13-36½; DRAKES, 13-19½ mostly 37-46, RABBITS, 11-72 mostly 35-58; GUINEAS, 41-6 mostly 51-61; PIGEONS (per pair), 80-1.55 mostly 92½-1 15.

TOTAL COOPS SOLD — 643.

● Vintage

(Continued from Page 2)

HOGS 345 — Barrows and Gilts 25-75 higher

BARROWS AND GILTS — US 1 210-240 lbs 30 25-30.75 US 1-2 195-240 lbs. 29 75-30.10 US 2-3 190-250 lbs. 29 25-29.75. US 3-4 240-260 lbs. 28.35-29.35.

SHEEP 32 — Wooled Lambs steady to weak.

WOOLED LAMBS — Good 65-95 lbs 26 00-28 00, few Choice 30 00-32 50, Utility 25 00-26 50.

● Lancaster

(Continued from Page 2)

220 lbs 29 50 29 75 US 2-3 200-240 lbs 28 60-29 10

SHEEP 250 — Wooled Lambs and Slaughter Ewes fully steady.

WOOLED LAMBS — Choice 65-105 lbs. 29 50-31 50, few at 32 00; Good 70-100 lbs 28.50-30.-00; Utility 25.00-28 00.

SLAUGHTER EWES — Utility and Good 6.50 9 00.

New York Eggs

Market steady and about unchanged pricewise Receipts light and local stocks occasionally supplemented with imported eggs. Additional country point offerings are light to occasionally moderate but fully adequate for local anticipated needs. Street trading slow on all grades and sizes with activity curtailed by cold weather. Dealer floor stocks ample on jumbos, other gardes and sizes generally light but adequate with fancy mediums closely cleared. Demand for carton eggs is less active and only fair at best with most orders steady for the balance of the week.

Oak Ridge Boys Coming To Shindig

The Oak Ridge Boys Quartette will make a guest appearance at the Guernsey Barn Saturday Night, January 24 at 8 p.m., according to an announcement this week.

Making their first appearance here, the well known singers will be featured as part of the Shindig In The Barn being staged weekly. Tickets are available and everyone is invited.

● Chicago

(Continued from Page 2)

Prime 925-1050 lbs Yield Grade 3 and 4 29 50-29 85 with four loads Monday at 30 00, Choice 850-1025 lbs Yield Grade 2 to 4 28 50-29 50, Mixed Good and Choice 27 75-28.50.

Weekly New York Egg Mkt.

(From Monday January 19 to Friday January 23, 1970)

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Large	64	64	64	64	64
Fcy. Large	63	63	63	63	63
Fcy. Mediums	59	59	59	59	59
Fcy. Pullets	50	50	50	50	50
Fcy. Peewees	36	36	36	36	36
BROWN					
Fcy. Large	63	63	63	63	63
Fcy. Mediums	59	59	59	59	59
Fcy. Pullets	50	50	50	50	50
Fcy. Peewees	36	36	36	36	36
Standards	59	59	59	59	59
Checks	43	43	43	43	43

Trend: Retail movement is spotty but low production and shipments from the South and firmness in Florida and West Coast results in balance over all.

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Frontiers Days Held At Shotzberger's

Farming Frontiers '70 Days held Tuesday at Shotzberger's Equipment Co Elm, Pa was attended by more than 250 farmers

The door prize, a self propelled 21" John Deere Lawn Mower was won by Stanley Carpenter, Manheim R D #1, Penna.

Prune Size

Prunes are packaged according to size, points out Harold E. Neigh, extension consumer economics specialist of The Pennsylvania State University. Naturally, the smaller the prune, the more in a pound Pound for pound, there is practically no difference in the amount of edible fruit Size has nothing to do with quality of fruit

● Auction

(Continued from Page 2)

56 00 Good 47 00 53 00, Standard 44 00-46 50; Utility 37 00-43 50; Cull 24 00 28 00

HOGS 79 — Barrows and Gilts strong to 25 higher

BARROWS AND GILTS — One lot US 1 220 lbs 30 25. Couple lots US 1-2 190-220 lbs. 29 50-29 75 US 2-3 200-240 lbs. 28 60 29 10.

SHEEP — None on offer.

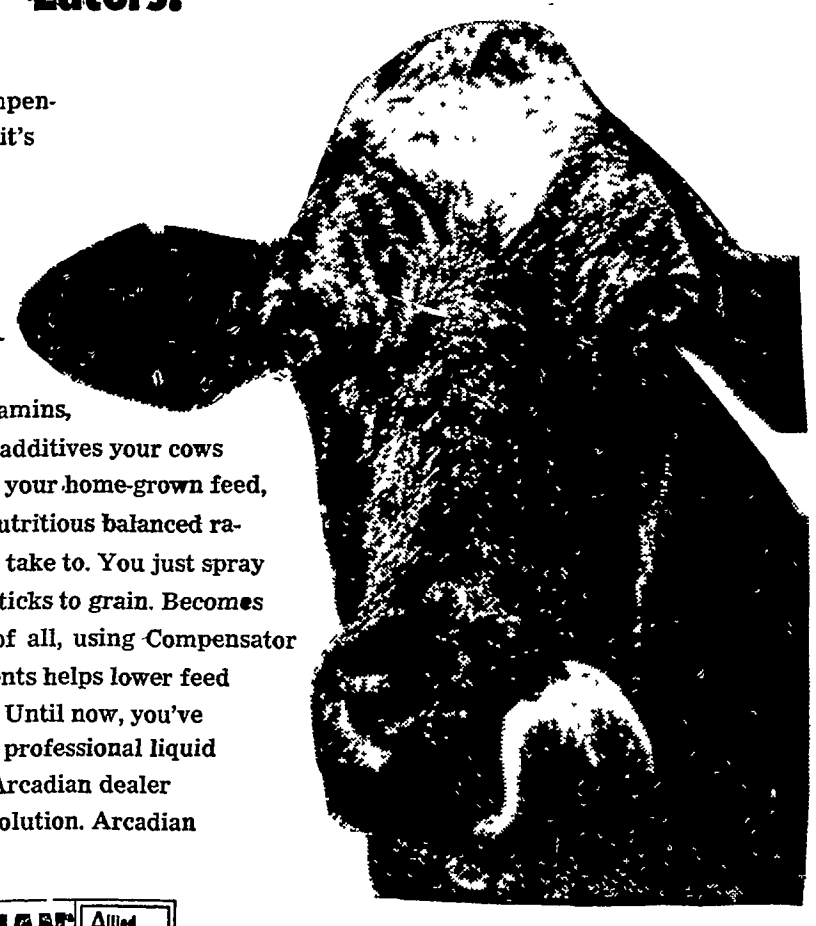
Tune In The
Ole Sheriff
(Bobby Montgomery)
WIOV - 105.1 FM
6 to 8 P.M.
Monday thru Saturday

Federally Inspected Livestock Slaughter

(For week starting January 19, 1970)

	Cattle	Hogs	Sheep
First 4 days	493,000	1,226,000	164,000
Same period last week	499,000	1,255,000	163,000
Same period last year	467,000	1,247,000	175,000

New Liquid Supplement Offers Palatable Solution For Problem Eaters.



It's called Arcadian Compensator Liquid Feed. And it's an ideal way to get your better cows and steers to eat more. Compensator includes molasses, protein equivalent, polyphosphate phosphorus, sulfur and whatever vitamins, trace minerals or other additives your cows require. Combined with your home-grown feed, Compensator makes a nutritious balanced ration that problem-eaters take to. You just spray it on. It soaks right in. Sticks to grain. Becomes part of the feed. Best of all, using Compensator to replace dry supplements helps lower feed costs per pound of milk. Until now, you've had a problem getting a professional liquid supplement. Now your Arcadian dealer offers a very palatable solution. Arcadian Compensator.

ARCADIAN Allied Chemical

JOHN Z. MARTIN

New Holland RD #1 717-354-5848

Remember This Date!

Tuesday, February 3

9:30 a.m.—3:30 p.m.

It's the day of the 5th Annual Southeastern Dairy Conference at the Guernsey Barn, Route 30 East, Lancaster, Pa. Rain date is February 4.

The theme of this year's conference is "The 70's — Challenge of Change." There will be speakers, exhibits, door prizes and free lunch at noon. A registered holstein heifer (daughter of Crescent Beauty All Admiral — born October 31) will be given away at the end of the conference.

You . . . your family . . . and fellow dairymen . . . are invited. So, plan to attend.

THIS DAIRY CONFERENCE IS SPONSORED BY

Allis-Chalmers
Milwaukee, Wis.

Curtiss Breeding Service, Inc.
Cary, Ill

John W. Eshelman & Sons
Lancaster, Pa

New Holland Supply Co., Inc.
New Holland, Pa.

Pennsylvania Power & Light Co.
Lancaster, Pa

From Where We Stand...

Farms Responsible For County Wage Income

As reported by Penn State economists, Lancaster County farms account for only six percent of the total dollars paid out in local wages and salaries. A big reason for this, we know, is because agriculture employment has declined in both share and numbers and self-employment has stabilized in numbers but accounts for a smaller share of the total.

Frankly, we think this report though factual, does not tell the whole story about Lancaster County's economy. Certainly, actual wages and earnings from on-the-farm employment doesn't account for a large percent of gross income here, but also to be considered is the business income for farm-related places of employment. What percent of the total County payroll would be cut off if farmers stopped buying feed, fertilizer, farm machinery and supplies. Quite a big hunk, we think.

And how about the effect on our younger generation growing up on farms where they learn responsibility and are motivated to work. We don't think a value can be placed on such an item but it figures greatly in the over-all local economy as these young people go into the County work-force. So though it doesn't appear in the research figures, Lancaster County farms are responsible for a much greater share of the gross County wage income than Penn State's six percent figure would indicate.

At least that's the way it looks from where we stand.

A Fuel-Burning Organism

Space exploration may be "out of this world", but man is still an ordinary mortal and wherever he travels he must carry his earthly environment with him. The essential functions of breathing, sleeping and eating must continue. Man is a fuel-burning organism. Thus menus will always be a part of the machines of space and the longer trips become, the more important becomes the menu — the food the astronauts must carry with them. Space cookery is as exacting a science as space flight itself.

A news release from a major food processing concern tells a little about space foods and the requirements they must meet. They must be light, compact, simple, palatable and have the highest possible caloric content per unit volume. They must be easy to use in a weightless environment. They must withstand a space vacuum and be reliable under the millions of pounds of thrust during the acceleration and cannot require cooking or refrigeration.

On Apollo 12 the crew enjoyed scrambled eggs in "spoon-bowl" form, salads, puddings, soups and stews. Recent space eating innovations include wet-pack items such as beef and gravy, frankfurters and turkey. Food for eating in space requires the same exhaustive scientific effort that has gone into all other phases of the moon program.

Tomorrow's Farmers

Agriculture, while still basic to survival, has become far removed from the knowledge of most of us. The nation depends upon today's agri-businessmen, who have made a science of farming. Like any science, farming requires an early start in life for those who wish to become successful agriculturists.

Between February 21 and 28, the country will be observing FFA Week. During this week the Future Farmers of America, a national organization with 450,000 students studying vocational agriculture in 9,000 public schools, will conduct special events expressly designed to emphasize agriculture and the role it will play in our future. FFA Week is traditionally celebrated beginning the Saturday before George Washington's Birthday and ending the following Saturday. George Washington made significant contributions to American agriculture, in addition to his military and patriotic contributions. The FFA recognizes him in their ceremonies, and especially during FFA Week.

One farmer now feeds scores of people. Thus, the responsibility of those who turn to agriculture as a business is heavy, and the young people of the FFA and other farm organizations who have elected to devote their lives to the production of food and fiber need every bit of support we can give them.

Farm News This Week

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Jacob Musser Has 130 Breeder Guinea Pigs — Page 1

Kauffman Tells Dairymen Promotion Still Important — Page 8

LANCASTER FARMING
Lancaster County's Own Farm Weekly

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Across The Fence Row

If wisdom's ways you wisely seek,
Five things observe with care —
Of whom you speak — to whom you speak,
And how — and when — and where.

* * *

When you are getting kicked from the rear, it means you are in front.

* * *

The measure of a man's life is the well-spending of it and not the length.

* * *

An old-timer is one who remembers when "on-time" meant punctuality — not payments!

* * *

If everybody in the country would take a vitamin pill every day, the makers of vitamins would soon be in great shape.

* * *

A parking place is where you leave your car to have the wheel base shortened and the trunk caved in.

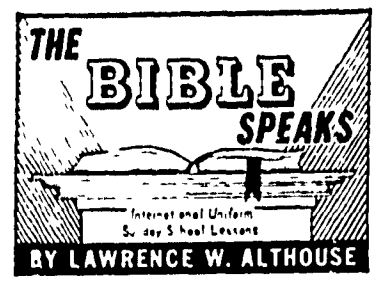
* * *

Local Weather Forecast

(From the U. S. Weather Bureau at the Harrisburg State Airport)

The five-day forecast for the period Saturday through next Wednesday calls for temperatures to average near normal with daytime highs in the low 40's and overnight lows in the upper 20's. Slowly rising temperatures are expected through the period. The normal high-low is 39-23.

Precipitation may total one-half inch water equivalent occurring as mostly rain except snow in the interior occurring during the late half of the period.



BEYOND THE LAW

Lesson for January 25, 1970

Background Scripture: Matthew 5 through 7; Deuteronomy 5 21; 6:1-9; Romans 12 through 13. Devotional Reading: Deuteronomy 6-1-9.

Legalism is always a problem for Christianity. On the one hand, man can hardly live without laws, rules, and regulations. Without these, his life is largely undisciplined and his society breaks down in anarchy. Law brings a certain security and order which man deeply desires and needs.

Rev. Althouse

Yet, legalism leaves perceptive men unsatisfied. Rules tend to become more important than people. People may become more concerned for the letter of the law than for the spirit or purpose behind it. Some feel smug and complacent with its minimum morality. Others find it possible to observe the law yet still deal dishonestly.

JESUS AND THE LAW

We find that Jesus was quite well aware of both the strengths and weaknesses of the law. To the Jew there was nothing more important than their religious legalism. The scribes and pharisees cherished the law as their forefathers had once cherished the temple. We can understand then why Jesus's attitude toward the law both puzzled and irritated them. Though at times he seemed to express respect for the law, much of what he said appeared to indicate something quite the opposite.

What was his attitude toward the law? If we turn to his own words in Matthew 5:17, we find: "Think not that I have come to abolish the law and the prophets; I have come not to abolish them but to fulfill them." What does he mean "fulfill"? The J. B. Philipps' translation uses instead the term "complete," and Good News For Modern Man (Today's English Version) renders this as: "I have not come to do away with them, but to give them real meaning." In other words, the purpose behind the law is what Jesus wants to accomplish. The law only partly accomplishes God's purpose.

WHAT IS "WORK"?

For example, the sabbath laws were very strict and legalistic. Because God had instructed men not to labor on the sabbath, the leaders had felt it necessary to determine just what is "work"? They decided that walking is "work" when it exceeds a certain distance, Thus, to walk several miles on the sabbath would mean breaking the sabbath laws. The same was true of any labor a man might perform; it was regarded as an infringement of of the sabbath.

Jesus indicated that the law had gone beyond what God had intended. God made the sabbath for man's enrichment, not to restrict him. If the sabbath law was used to keep men from performing acts of kindness, mercy, or helpfulness to others (such as healing a man), then the law was not fulfilling God's purpose.

Was Jesus for or against the sabbath laws then? The answer must be that he was for the purpose behind these laws, but against some of the individual laws that had strayed from God's purpose.

A HIGHER MORALITY

Thus, Jesus asked of his disciples, not a morality that was lower than the laws, but a higher one. Though the law was a necessary guide, love was a higher and better motive for a person's behavior. "For I tell you, unless your righteousness exceeds that of the scribes and Pharisees, you will never enter the kingdom of heaven" (Matt. 5:20). They were never to be satisfied with simply living up to the rules as the scribes and Pharisees. They were never to be satisfied with anything except the perfection of God himself. With this as a background, Jesus could well say, "You have heard. . . But I say to you . . . " for his object was to take his followers, not to a lower level of morality, but to one that was even higher.

The law was intended to be a tool for helping men to become more righteous. Sometimes, though, men made the law their god. Today, centuries later, we still must be careful that we don't let out faith become the legalism God never intended it to be.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service.)

Read Lancaster Farming
For Full Market Reports

NOW IS THE TIME...

By Max Smith
Lancaster County Agent

To Check Battery

Cold weather is hard on batteries in service or in storage. The low temperatures of the past two weeks will reveal weak batteries or those needing some attention. The battery top should be clean and the terminals cleaned of any deposits and coated with vaseline or light grease. Water levels should be checked and motor used for at least a short time after adding water. To save the battery when starting an engine use the starter in brief contacts rather than grinding away continuously.

To Establish Farm Pond Safety

During the hot summer months we discuss farm pond safety with swimmers and boaters; now the water is just as deep when ice skating. All skaters should be aware of any thin ice and know the exact location of rescue equipment. Wooden ladders, boards, ropes, or inflated inner tubes should be at the pond in case of emergency. All farm pond owners are urged to recognize the importance of pond safety during the skating season.

To Be Careful With Heat Lamps

A portable heat lamp can be very useful this time of the year. In all cases users are urged to be sure the heat lamp is securely fastened and out of the reach of livestock. Many livestock producers may use these lamps to aid the newly-born animals in extremely cold weather. When knocked down into bedding or within reach of animals they are a definite hazard.

● FARM

(Continued from Page 1)

Farm Management Specialist The Pennsylvania State University.

February 5 — 'Legal Problems with Wills, Estates, Farm Transfers and Taxes". The speaker will also discuss Death and Gift Taxes, Why Plan an Estate?, Why Bother with a Will? Speaker Ed Pawlick, Attorney and Assistant Professor in Farm Management at The Pennsylvania State University.

February 12 — "Linear Programming" Information concerning this service that uses electronic computers to provide farmers and agricultural businesses with more accurate answers to their management problems and aid in decisions where a number of factors must be considered It will help you make more profitable adjustments in your operation in developing a maximum profit plan. Speaker Dr. Virgil Crowley, Linear Programming Specialist, The Pennsylvania State University.

February 17 — "Pennsylvania's Agricultural Records Program Information concerning this truly modern electronic record keeping system that is inexpensive — easy to learn — flexible and confidential Speaker William Dickinson, Farm Management Specialist, The Pennsylvania State University

March 10 — "Farm Transfer Arrangements" Information concerning partnerships — contracts — corporations — tax advantages — installment sales Speaker: Wayne Kelly, Farm Management Specialist, The Pennsylvania State University

Cancellation Of DDT Uses Appeal USDA

Six pesticide manufacturers have challenged the U S Department of Agriculture's cancellation of the registration of certain uses of DDT.

The six companies contesting the action are Allied Chemical, Black Leaf Products Co Carolina Chemicals Inc, Diamond Shamrock Corp, Lebanon Chemical Corp and Stauffer Chemical They have requested a public hearing on the appointment of an advisory committee to review the cancellation action taken last November by USDA's Agricultural Research Service. The companies have the right to the two methods of review under authority of the Federal Insecticide, Fungicide, and Rodenticide Act

ARS is in the process of requesting the National Academy of Sciences to appoint a committee to review the ruling.

On November 20, 1969, ARS canceled the Federal registration of DDT for use against shade tree pests, tobacco pests; house and garden pests; and pests in aquatic sites such as marshes, wetlands, and swamps. Approximately 35 percent of the total amount of DDT used annually in the U S is marketed for these purposes

The six companies are entitled to continue to produce and sell their DDT products in interstate commerce pending the outcome of the statutory proceedings Approximately 1,300 products marketed by about 400 manufacturers were affected by the cancellation order Cancellations remain in effect for those products manufactured by companies that did not contest the Department's decisions

Allied Chemical, Diamond Shamrock Corp, Lebanon Chemical Corp, and Stauffer Chemical are among the Nation's largest producers of the basic DDT compound used in formulated pest control products. Black Leaf Products Co and Carolina Chemical, Inc are major formulators of such products.

Registration of pesticides is required under the FIFRA before such products can be legally marketed in interstate commerce DDT has been in use for approximately 25 years and has been beneficial in controlling certain vectors of diseases and a variety of agricultural pests. However, continued widespread use and relatively slow breakdown of DDT have resulted in general distribution of low levels of DDT residue in the environment

On November 25, 1969, USDA published a notice of intent to cancel all other DDT uses except those determined to be necessary for protection of health and other essential uses of DDT for which no suitable substitutes are available The public, scientists, and industry were given 90 days in which to submit their views and comments

CATTLE ON FEED IN PENNSYLVANIA UP 5%

Pennsylvania cattle feedes had 88 000 cattle and calves on grain feed for slaughter market on January 1, 1970 This was 5 percent more than the 84 000 on feed for slaughter a year earlier Fed cattle marketed during the past quarter totaled 24,000—down 25 percent from a year earlier Placements during the quarter at 64,000 were 16 percent above placements during the same quarter last year Cattle on feed less than 3 months numbered 62 000 or 70 percent of total compared with 62 percent of total a year earlier. There were 19,000 on feed 3-6 months and 8,000 on feed more than 6 months Expected marketings during the January-March quarter at 30,000 if realized will be 15 percent greater than those the previous year

EGG PRODUCERS

how can we achieve stability and fair prices in a Boom and Bust Industry?

Your Lancaster Poultry Association expects to deal with this question on Thursday, January 29

TIME: 9:30 p.m.

PLACE: Farm and Home Center — 1383 Arcadia Road, Lancaster. (From Lancaster North on Rt. 72 [Manhiem Pike] and turn right on Arcadia Road)

TOPIC: "Market Stability and Producer Responsibility"

SPEAKERS: Dr. Floyd Hicks, Chairman, Penn State University
Mr. Maurice M. Stein (Greene, Maine) President
Maine Egg Farms and one of the founders of U.E.P.
Mr. Jerry Faulkner (Atlanta, Georgia) Manager,
United Egg Producers
Mr. David Hefler (Scarborough, Maine) Manager
D.E. Coster Egg Farms and formerly of NEPPCO
Mr Ray Delano (Durham, New Hampshire)
Manager Northeastern Egg Marketing Association

These gentlemen have been in the forefront in trying to cooperatively achieve a better and more honest way of discovering the true egg price. There will be a question and answer session following their presentations.

ALL EGG PRODUCERS WELCOME!

Jack Huber, Chairman Poultry Association Education Committee

This ad presented as a public service to the industry by:

EARLY BIRD
POULTRY FEEDS

MILLER & BUSHONG, INC.

Manufacturers of Early Bird Poultry Feeds

Rohrerstown, Pa.

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Conservation Corner

Take A Gander At Conservation

Wildlife Technology New 2-Year Program

Neighboring state parks and gamelands, plus a nearby national forest, will become the natural laboratories of a new two-year associate degrees program in wildlife technology to be offered next September at the DuBois Camps of The Pennsylvania State University.

Employment opportunities are available with both public and private wildlife organizations reports Dr. Wilber W. Ward, director of the School of Forest Resources in the College of Agriculture The faculty in Forest Resources is responsible for developing and teaching the technical wildlife courses An initial enrollment of 2 5to 30 students is predicted by Dr Jerome K Pasto associate dean for resident education in the College of Agriculture

Subjects will stress wildlife management, topographic drawing, animal identification, food and cover plants wildlife census, forest protection, aerial photo interpretation and habitat management The training will be supported by a number of courses in communications, mathematics, and the social sciences.

Young men and women will be trained to assist in applied phases of natural resource management, wildlife biology, recreational area management, range management, and care and propagation of animals The program will prepare graduates to work with wildlife biologists in management and research

The DuBois area is surrounded by an ideal laboratory for wildlife technology. The Allegheny National Forest is only 30 miles north Parker Dam State Park and Elliott State Park are both only 15 miles to the northeast. The town is bounded on all sides by game lands of the Pennsylvania Game Commission.

Applicants should submit scores of the Scholastic Aptitude Test of the College Entrance Examination Board. All applications should be requested from and returned to the Director of Admissions, 201 Shields Building, University Park, Pa., 16802. Applications should be marked "Wildlife Technology."

Sawdust is Good for Icy Walks

When compared with other substances used on icy walks, coarse sawdust is one of the best Sawdust may be available at nearby sawmills and from firewood dealers, says N Henry Wooding, extension agricultural engineer at The Pennsylvania State University It may be necessary to use something on icy walks to prevent serious injury — use coarse sawdust if it can be readily obtained

Think About Spring Planting

It is not too soon to think about spring planting — even though the earth is covered with snow, remind extension garden specialists at The Pennsylvania State University. Now is a good time to order seed and plants.

Farm Women

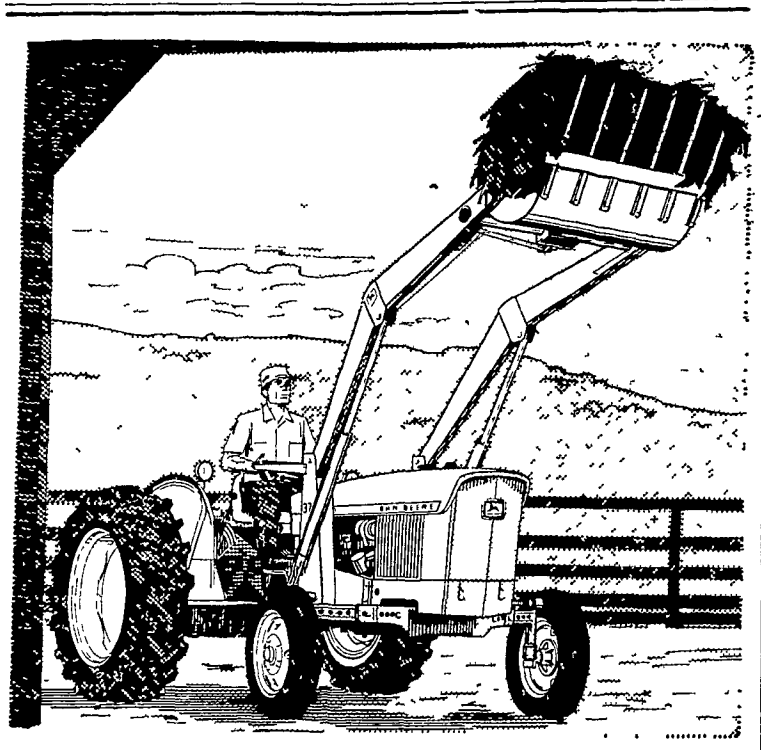
SOCIETY 3

The meeting was held at the home of Mrs Harold S Stuber and their daughter Linda M Stuber, Schoeneck, Pa. Devotions were in charge of Miss Linda M Stuber. Officers for 1970-1971 were installed by Past State President, Mrs Samuel M Mohler President, Mrs Robert Gregory, Vice President, Mrs Clarence Stauffer; Secretary, Mrs Earl Smoker, Asst Secretary, Mrs Earl Miller, Treasurer, Mrs Gilbert Paul. Initiation Service for two new members was also conducted by Mrs Mohler, they are Mrs Luther Moore and Mrs Jessie Balmer

The business meeting was conducted by the new president Mrs Robert Gregory Members of Group 3 were asked to donate time to help manage the snack bar at the Ephrata Recreation Center at some future dates A number of members signed for this project

Reports were given of the recent State Convention of Pennsylvania Society of Farm Women held in Harrisburg by the elected delegates, Mrs Irvin Burkholder and Mrs Harold Stuber Seven members of Group 3 attended the convention The 1970 program committee announced A Happy February Party, February 15, at 12 30 p m This is a family party

The program for the afternoon was "Music by Allegra," which consisted of vocal selections by Mrs Vernon Leininger, accompanied by Mrs Evelyn Shupp The next regular meeting will be held Feb 21 at home of Mrs Walter Trumbawer, Ephrata R1.



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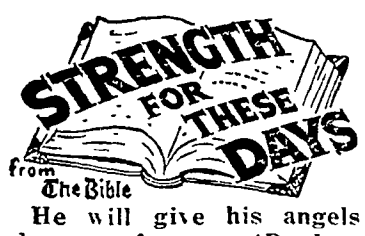

He will give his angels charge of you.—(Psalms 91:11).

We are always in His presence And when we consciously acknowledge the presence of God within us, we find ourselves quiet and peaceful He makes us feel safe and secure In this way we can live in a world of order and harmony where truth makes our world a pleasant place in which to live.

"RED ROSE 14 TEST COW FEED is the best dairy feed we ever had in the trough"

RED ROSE 14 TEST COW FEED is a course-textured all-purpose feed that can be fed to your milking cows, dry cows, calves and bulls. It's high in fat, minerals and digestible nutrients. You can feed it at all seasons . . . to keep up the milk flow.

Other Red Rose dairy feeds (available in many protein levels) and Red Rose Supplements provide good feed for your cows, too — all of them designed for top milk production. There's one available to suit your particular need.

Be determined to make more money from your dairy cows. You can . . . if you start with Red Rose. Why not start today?

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Elverson Supply Co. Elverson

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Henry E. Garber R. D. 1, Elizabethtown, Pa.

Musser Farms, Inc. Columbia

L. T. Geib Estate Manheim

Musser's Mill The Buck

I. B. Graybill & Son Strasburg

Chas. E. Sauder & Sons Terre Hill

E. Musser Heisey & Son R. D. #2, Mt. Joy, Pa.

Ammon E. Shelly Lititz

Heistand Bros. Elizabethtown

E. P. Spotts, Inc. Honey Brook

Red Rose Farm Service, Inc. N. Church St., Quarryville

H. M. Stauffer & Sons, Inc. Witmer

Ring-Necked Pheasant In 4 Genetic Strains

While most people think of the ring-necked pheasant as one game bird, biologists recognize four genetic strains, according to John L. George associate professor of wildlife management at The Pennsylvania State University.

The four strains are the wild pheasant, the game farm bird, the shooting preserve strain, and the meat bird, Dr George stated recently at the annual convention and short course of the North American Game Breeders and Shooting Preserve Association Inc., in Harrisburg.

He claimed the demand for various genetic strains of game birds will increase as lands for public hunting decrease and wildlife and recreational management become more intense.

Dr. George said the ring-necked pheasants brought to the U.S. in 1881, is the country's most successful game bird introduction This bird has formed a "robust recreational economy" in the generally more northern states and southern Canadian provinces from the Atlantic to the Pacific.

The wild strain is the pheasant which can survive and reproduce in suitable habitat. The best and probably only good source of wild birds is to live-trap and transfer them from nearby ranges to suitable pheasant habitat This technique has been very successful with pheasants and wild turkeys, he affirmed

The game farm bird, on the other hand, does best in public shooting areas where a "put and take" procedure is deemed desirable by management experts of state game commissions. Such areas will not sustain wild pheasants in shootable numbers Shooting preserve pheasants, the third type, are best described as a quality strain for private sale The meat bird, the fourth strain, is a specialty item for an affluent society wanting exotic foods.

Fabrics for Upholstering

Upholstery fabrics are available in a variety of fibers and weaves Mrs Helen T Puskar, extension home furnishings specialist of The Pennsylvania State University, says that a fabric with a balanced weave will wear longer than a brocade or highly textured fabric Cotton, nylon, and linen fibers are durable, and fabrics made from them usually will give long wear.

Milk Dealers Profit After Taxes Are 1.25% Of Total Sales

The Milk Marketing Board today announced that the sales of fluid milk and milk products reported by Pennsylvania's Fluid Milk Dealers in 1968 were $630 2 million an increase of $21 million over 1967 The cost of products sold by the fluid milk dealers was $364 million, 57 78% of the total sales, while net profits after taxes amounted to $7 8 million 1 25% of total sales.

There were 304 Fluid Milk Dealers reporting in 1968, 48 fewer than in 1967 In addition to increased sales in 1968 the ost of products sold increased $18 million and net profits increased by $2 million

Pennsylvania's Milk Marketing Law provides that the Board 'shall annually prepare a summary of the financial statements of all dealers in each milk marketing area Such summaries shall be a composite form and shall not include the names of the dealers included Such summaries shall be made available to stores, dealers, producers' organization and the general public '

J Lin Huber, Chairman of the Milk Marketing Board, announced that the 1968 Summary of Financial Statements of Licenses were being printed and would be ready for distribution in the near future

Fiber Content & Weave Important In Umbrella

If you're planning to buy an umbrella with some of your gift money, remember there is a difference in how waterproof the umbrella will be, says Mrs Ruth Ann Wilson, extension clothing specialist of The Pennsylvania State University.

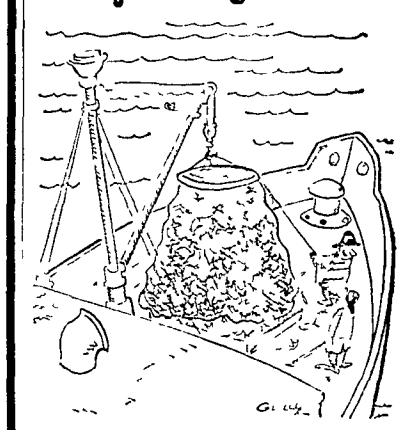
Only 100 per cent vinyl plastic is 100 per cent waterproof But vinyl plastic is fragile and easily damaged by heat and sharp objects, so it may not be the best choice for you

Probably the most popular and serviceable umbrellas are those made of nylon or acetate fibers. Silk, cotton, rayon, and plastic are also used Read the label to be sure of the fiber content before you buy

But more than fiber content is important reminds Mrs Wilson. The weave of the fiber is even more important if you intend to stay dry under your umbrella. Acetate and nylon must be tightly woven because the threads don't expand when wet Cotton and silk will expand so the threads should be close enough together to hold the first drops out Most fibers today are treated with a water repellent material

Mrs Wilson advises you to hold the umbrella up to the light and look through Closely woven fabric is one of the best buying cues for an umbrella that will keep you dry

My Neighbors



"I could go for a nice juicy sirloin about now."

SPECIALS FOR THE MONTH OF JANUARY

YW HYBRIDS SAYS:

LET'S RUN A REAL HYBRID CORN CONTEST!

RIGHT ON YOUR OWN FARM:

Experimental errors in large scale tests such as State yield tests are so large as to make the results useless. But you can compare and choose the hybrids that give you the best performance right on your own farm.. and without risking a penny of your seed investment, with the YW Yield Warranty Program. Get the details on this unusual offer that no other seed corn producer dares to make.

ASK ABOUT OUR QUANTITY DISCOUNT AND THE YW TOP-YIELDERS FOR NARROW ROWS, HIGH POPULATION AND HIGH FERTILITY

SX 362...95-105 days to maturity
SX 47.. 110 days to maturity
SX 42A...105-110 days to maturity
SX 67. 110-115 days to maturity
SX 96...115 to 120 days to maturity
SX 99.. 115 to 120 days to maturity
SX 804...115 to 120 days to maturity

ALL YW HYBRIDS ARE YIELD WARRANTED

AND ON TOP OF THIS —

EARLY ORDER DISCOUNTS UP TO $1.00 PER UNIT

Growers Fertilizer Solutions Get Top Yields At Low Cost.

Here's proof right in Lancaster County.

Roy Holtzinger, R. D. 9, York got 200 bu. yield per acre with a Growers Fertilizer Solution cost of only $6.90 per acre.

JANUARY SPECIAL 7% CASH DISCOUNT

Quality Imported Baler Twine

9,000 ft. (TS 325 lbs.) and 10,000 ft. (TS 290 lbs.)
40 lb. Bales

JANUARY SPECIAL UP TO 50¢ OFF

Per bale for quantity orders.

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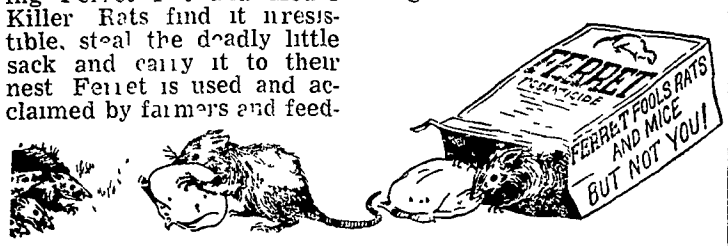
Fancy packaging and overdrawn claims are aimed at the public, but do not fool rats and mice. To kill rats and mice you need the amazing Ferret Rat and Mouse Killer Rats find it irresistible, steal the deadly little sack and carry it to their nest Ferret is used and acclaimed by farmers and feeders coast to coast Also by stockyards in Chicago, Omaha and Denver Come in and let us explain how you can achieve perpetual control using Ferret.



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TWENTY FIVE YEAR members were honored at the Inter-State Milk Cooperative meeting Thursday. They were Paul and Robert Wenger and Jerome Rhoads. In the Lancaster Farming Photo, Mr. and Mrs. Robert Wenger accept their plaque from Robert McSparran. Rhoads was not present.

Kauffman Tells Dairymen Promotion Still Important

"Many people were surprised," said Harry Kauffman, Director of Public Relations, Dairy Council Inc., "but very few people have an answer why the recent state dairy referendum was defeated."

Speaking at the annual dinner meeting of the Quarryville and Southern Lancaster Locals of Inter-State Milk Producers Cooperative, Kauffman admitted the referendum was defeated 'decisively' but maintained promotion is still important. "Some areas are really going to lose because of the defeat he said, "especially where a promotion program has not been available.

We could do more in this area too if we had more money but the thing that keeps me from being completely disappointed is because Inter State has a good, well rounded program of public relations and advertising. Your own organization's TV commercials give a fine image of the dairy farmer and they sell milk.

"Dairy Council has always said you must have a good diet that includes the four basic foods, one of which is milk. Because we have kept an impartial approach stressing nutritional balance we are able to go into the school to tell our story."

Kauffman said public opinion is now again in favor of Dairy Council's approach. "The cycle has turned. The idea to be concerned with only one item in the diet is past. Now the public favors a balanced diet," he said.

The only way to counteract bad publicity is to tell the positive side of the milk story. We can still say milk is as essential in the diet as it ever was. Milk is the last thing that should be omitted from the diet.

"We have no problem we can't solve for we have the best product in the world," he concluded.

During the business period at the annual meeting held Thursday in the Quarryville Methodist Church, Paul and Robert Wenger, Quarryville R1 and Jerome Rhoads, Quarryville were recognized for 25 years of membership in the cooperative. Robert McSparran Director and Mack Newton, Field Representative were also on the program. Robert Wenger presented the 4-H Dairy Club Awards to six local youths and Ray Young acted as toastmaster.

4-H DAIRY CLUB AWARD WINNERS at the Inter-State meeting, Thursday are (left to right) Suzanne Groff, Carol Groff, Barbara Aaron, Tom Aaron, Joyce Groff and Sharon Groff. L. F. Photo

5th Annual Southeastern Dairy Conference Slated For Feb. 3

Final plans are being made for the 5th Annual Southeastern Dairy Conference sponsored by Allis-Chalmers, Milwaukee, Wisconsin; New Holland Supply, New Holland Pa Curtiss Breeders Service, Cary, Illinois, and John W Eshelman & Sons, Lancaster, Pa It will be held at the Guernsey Barn located on Route 30 East of Lancaster, beginning at 9 30 a m and ending at 3 30 p m, with a snow date of February 4 All dairymen and interested parties are invited to attend

The theme of this year's conference will be "The 70's — Challenge of Change" The program will open with a presentation by Farm Specialist, Jerry B Shaffer, of Pennsylvania Power & Light Co. The presentation is entitled "Electromation in Agriculture" This will be followed by a discussion entitled "Manure Disposal, A Challenge" and will be led by Dr Stanley G Moum, Research Veterinarian with Vineland Laboratories, Vineland, New Jersey The final item on the morning program will be The Curtiss Complete Cow" by Mr Morris B Ewing, Director Performance Records Division Curtiss Breeders Service, Cary, Illinois

Those in attendance will be the guests of the sponsors for lunch, after which there will be time to visit and observe many interesting displays relative to the various segments of the dairy business

The afternoon program will get underway at 1 30 p m and continue with the same theme as William M Babb, Jr, District Representative for Allis-Chalmers, will talk on 'Accepting the Challenge of Change"

Dr E I Robertson, Director of Nutrition for John W Eshelman & Sons, Lancaster, will close out the program when he discusses "Fit the Feed to the Forage'

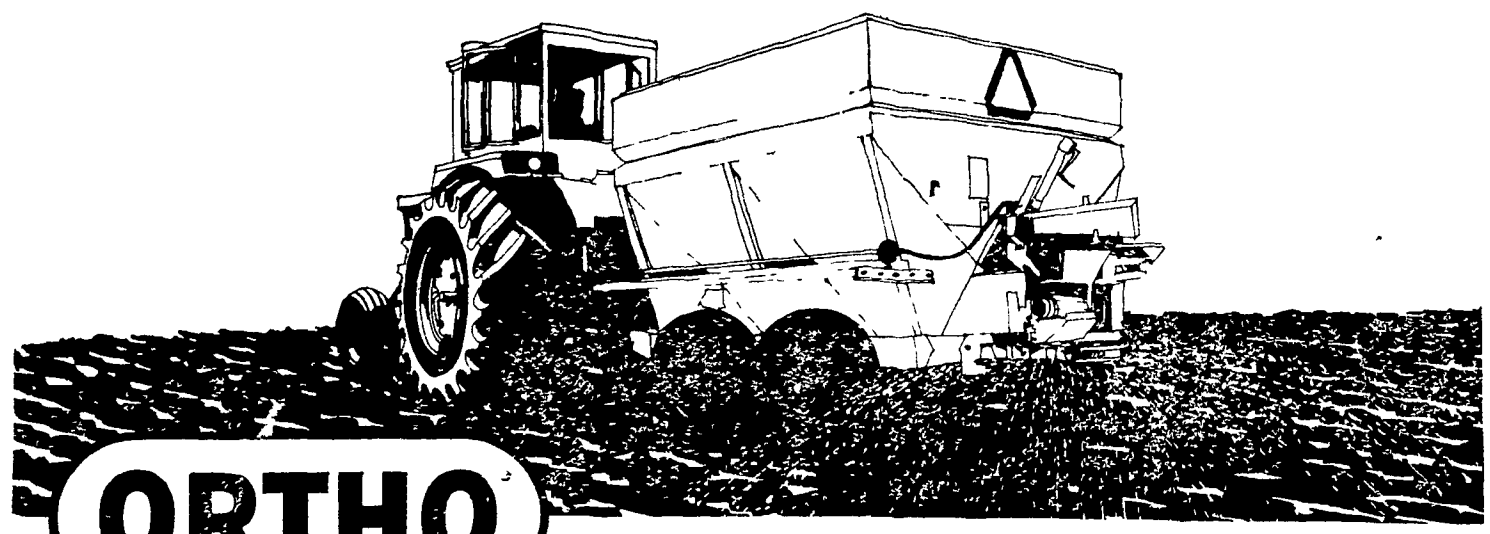
The Master of Ceremonies for this year's event will be Walter M Buescher, Manager of Customer Promotion Services for Allis-Chalmers Milwaukee, Wisconsin His final duty, following the last speaker, will no doubt be the most pleasant activity of the day, at least for some lucky member of the audience. The grand door prize will be drawn and it will be a lovely Registered Holstein heifer born October 31, 1969 and sired by Crescent Beauty All Admiral

Moisture Vapor Proof Wrappings

Frozen food can be no better than the wrapping used for its protection reminds Mrs Ruth J Buck, extension foods and nutrition specialist of The Pennsylvania State University Freezer air is dry and draws moisture from a food Always use wrappings that are moisture vapor proof to protect food against drying Of the many wrappings available, aluminum foil is excellent Household waxed paper is not moisture vapor proof Plastic sheets may be used alone or with another wrapping to prevent breakage

Anyone who grows corn or soybeans knows that our soils tend to be acid. You contribute quite a bit to this acidity each time you apply fertilizers. ☐ But Ortho UNIPELS have a "low calcium carbonate equivalent." This means that UNIPELS cause less depression of your soil's pH. And you know with a more favorable soil pH you are bound to get higher-yields. ☐ On top of that, UNIPELS, plowed down in the fall, work for you all year 'round: fall, winter, spring, and summer. That's why it's called "The All-Season Fertilizer" ☐ Come see us soon for the facts and figures on how you can save money on liming costs and earn more money from higher yields with UNIPELS.

How you save on liming costs with Ortho UNIPELS



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Smoketown, Pa. Ph. Lanc. 397-3539

SM'S ORTHO CHEVRON DESIGN UNIPEL REG U S PAT OFF

MAKING A PENNSYLVANIA DUTCH presentation at the Farm and Home Foundation annual meeting is Lawrence Gehringer, WKAP Radio Announcer (left) Toastmaster was Forney Longenecker, (center) and the Foundation's president is B. Snavely Garber. L. F. Photo

● LLOYD WOLF

(Continued from Page 1)

now being tested at the central lab at Penn State. Two machines and four full time women employees are making the tests.

M M Smith, County Agent warned against the wrong use of pesticides and urged farmers to complete the census report that was mailed to them He also reported a new variety of alfalfa on the market This variety named "team" is regarded as more resistant to the alfalfa weevil but according to Smith has not been completely proven winter hardy

A list of local herds receiving recognition for records over 600 pounds are as follows Lloyd Wolf, Quarryville R2 41 6 cows, 16 720 pounds of milk 660 pounds of butterfat, J Mowery Frey Jr, 401 Beaver Valley Pike, Lancaster, 58c, 15 814m, 657f; Curtis E Akers, Quarryville R1, 35 6c 16 589m, 647f J Z. Nolt, Leola R1, 35 1c 16 561m, 638f; David S Lapp, Gordonville R1, 25 9c, 16 623m, 636f, S R. Shellenberger, Mt Joy R1, 62 2c, 16 758m, 634f

Allen R Shoemaker, Kirkwood R1, 41 7c 15 979m 627f J Floyd Kreider, Mt Joy R2 44 1c, 15,827m, 623f Dale E Hiestand, Bainbridge R1, 28 8c 16 2 3m, 619f Paul B Zimmerman Ephrata R1, 31 6 , 15 849m, 617f J. Robert Weimer Willow Street R2, 13c 14 073m 615f Robert C. Groff, Quarryville R3 35 4c, 16,360m 614f

Amos B Lapp Gordonville R1 35 16 193m 614f John N. Landis, 1804 Hempstead Rd, Lancaster, 49 1c, 12,290m, 608f; John M Harnish, 1036 Beaver Valley Pike, Lancaster 68 7c 15,498m 606f, Red Rose Research Center, 226 Pitney Rd, Lancaster, 25 6c, 15,967m, 605f Titus B Stoner, 3207 Bowman Rd, Landisville, 26 1c, 17 559m, 603f; Calvin D Beiler, Paradise R1, 44 1c, 15 228m, 603f, Albert E. Fry, Manheim R2, 31 2c, 15,397m 602f

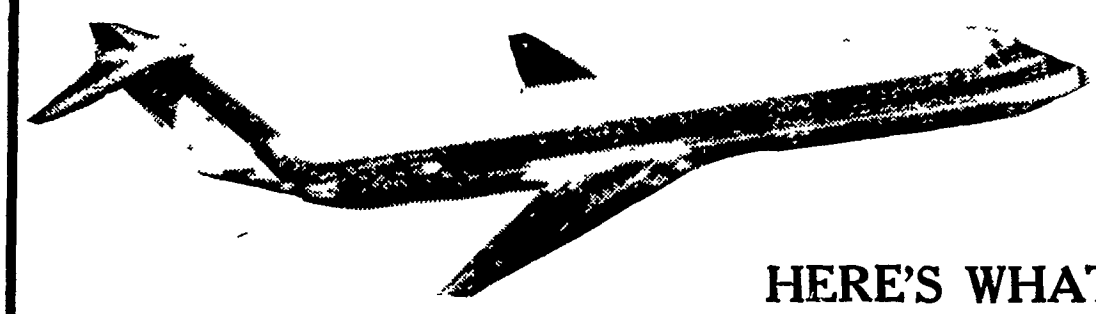
● F&H CENTER

(Continued from Page 1)

wood Dr Emmett I Robertson, 2732 Brookfield Road, Lancaster and Larry H Skromme, 2150 Landis Valley Road, Lancaster

Featured speaker was Lawrence Gehringer, WKAP Radio Announcer, Allentown, who gave a humorous presentation on Pennsylvania Dutch Colloquialism

Beef & Hog Men . . . this $70 trip could change your life!



JET TO ILLINOIS with PENN-JERSEY HARVESTORE!

Jet with other Penna. Beef & Hogmen on Feb. 18 & 19 to one of the great Beef-Hog areas in Ill. Find out how these Beef-Hog men make big money producing Beef & Pork.

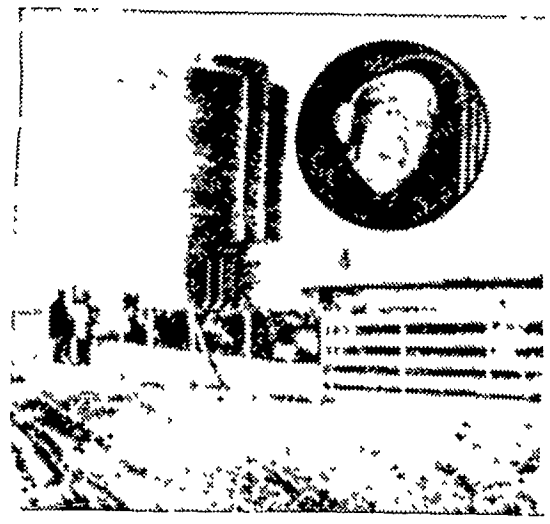
Your HARVESTORE dealer has arranged with the Philadelphia and Harrisburg airports a special, chartered jet to fly you to Peoria, Ill. for the two day tour. And at a special rate. Only $70. Including all transportation, motel, meals & tips.

One idea could change your entire Beef-Hog operation. So treat yourself to a two day business vacation (tax deductible) and some eye-opening, almost unbelievable facts about producing more Beef and Pork.

HERE'S WHAT WE'LL SEE . . .

STROLLER

Father and son produce over 1,100 pounds of beef per acre Feed out 600 calves and 200 yearlings per year in open-front, slatted floor semi-confinement building.



DUNMIRE

Backgrounds own feeders on Nebraska ranch. Feeds 400 head in conventional lot with liquid manure pit Gets 2 to 2 3 pounds of gain per day in finishing program

HOWARD

Feeding 450 head of cattle per year in controlled environment, slatted floor building Feeds 400 head per year in outside lot Farrows and feeds out over 1600 hogs per year in confinement All on less than 500 acres with a minimum of hired help.

BAIRD

Unique plan kept three sons farming Each owns his own farm but they operate as a single unit A thousand tillable acres produce 1,100 cattle plus certified seed

SCHEDULE

The HARVESTORE Jet originates at Philadelphia, stops at Harrisburg on its way to Peoria, Ill the morning of February 18th

Ask your dealer when your reservation is confirmed (he'll contact you) about departing time and gate There'll be no baggage check, so take only what you can carry.

We'll have you back in Philadelphia or Harrisburg the evening of the 19th

Blanchard Farm —

Albert Cook operates this 400-acre farm and raises 400 head of cattle, 1 700 hogs with practically no help Spends less than $1,000 a year for hired labor

Call Today —

PENN-JERSEY HARVESTORE SYSTEMS, INC.

New Holland, Pa. 717-354-5171

WASHINGTON REPORT

Congressman Edwin D. Eshleman

16th District—Pennsylvania

We tend to think of the inflation problem in terms of those things which affect us most directly — rising food prices, increased interest rates, dwindling individual buying power and many other items on a nearly endless list What we often forget about is the toll taken by inflation in some of the primary institutions of our national life As one concerened with the field of education, I am dismayed by the adverse affect that inflation has had on our goal of quality education for all Americans.

In recent years spending for schools has increased dramatically, and the bill paid by the taxpayer has reflected the substantially higher educational costs Yet, there exists little evidence that the increased spending has improved significantly the quality of education Teachers, administrators and school boards are not at fault Inflation, which has burned up most of the new funding set aside for schools, is the culprit

According to a recent article by Orlando F Furno and James E Doherty in the magazine **School Management**, the past ten years have seen **inflation consume nearly 60%** of increased school spending Just last year we experienced one of the sharpest school spending hikes ever, but inflation wiped out most of the gains The money left after paying for inflationary costs went primarily for higher teacher's salaries because they, too, are caught up in the rising price spiral. While the better salaries are certainly an investment in educational quality, we still are left with no funds to carry out the functional changes needed to upgrade and refine our schooling.

The reaction to inflation by most school districts has been to offset higher costs with greater spending While their choice in the matter admittedly has been limited, the fact remains that the greater spending led to still higher costs — almost a case of trying to use gasoline to douse a fire What has not been faced up to, but should be faced up to now, is that education must join the fight to stop inflation for reasons of self-interest.

Many educators have been anguished by the recent moves by the Federal Government to curb inflation, moves which have cut back on school expenditures. Yet, it seems evident that inflation is much more damaging to education than any of the steps taken at education's expense to bring the rising price spiral under control. Until the economy is cooled, more money poured into the schools will simply be like spinning one's wheels — feeding the fuel but going nowhere While a slowing down of federal funds to education indeed is a gloomy prospect, the long range anti-inflation benefits to education, to the taxpayer and to the nation will more than balance the present disappointment

American Dairy Assn. Plans TV Promotion

American Dairy Association will kick off its first all-product promotion period of 1970 with an hour-long, prime time television special on the NBC network February 13.

"Survival on the Prairie" tells the story of America's central grassland — how it was before the pioneers, how it is today and how it got that way. Within the framework of the seasons, the program will examine the delicate balance of existence in which all prairie inhabitants — human, plant and animal — are often dependent on each other. "Survival on the Prairie" shows the continuing struggle between the needs of man and the land in the sometimes harsh but always beautiful American prairie. The documentary examines one of today's vital questions How the land can be made productive without destroying it.

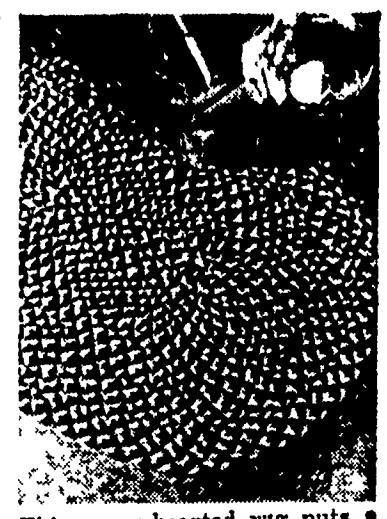
The program was filmed as a cooperative effort of the National Academy of Sciences and NBC News, with Hugh Downs serving as narrator.

The special will include six minutes of ADA commercials: two minutes devoted to all dairy products; one each to milk, cheese and sour cream, and cream cheese; and 30 seconds each to ice cream and butter — plus opening and closing billboards.

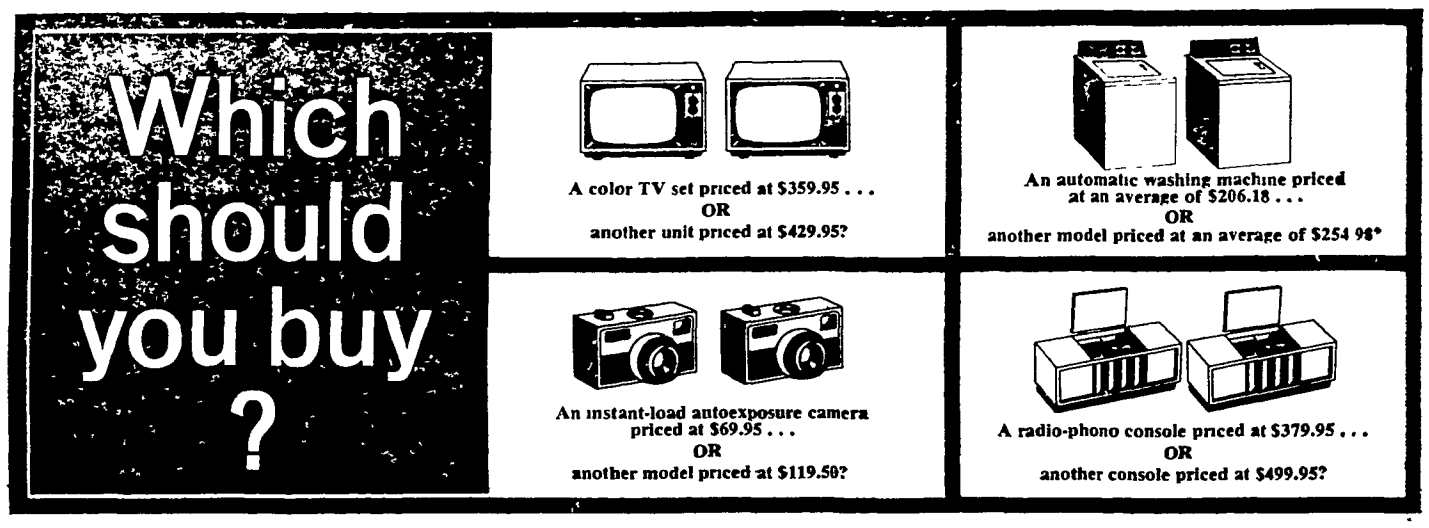
Two more natural history documentaries will be telecast by ADA later in the year. They will feature "The Coral Jungle" of Australia's Great Barrier Reef and "The Eskimo", and will introduce ADA's summer and fall promotional periods.

Iron-Mending

With the use of iron-on patches, you can cut your mending time, says Mrs. Ruth Ann Wilson, extension clothing specialist of The Pennsylvania State University. When knees of pants and elbows of shirts and jackets begin to wear thin, reinforcing them on the inside with an iron-on patch can prevent a sudden breakthrough. Mending is not a lost art, but it has changed a little in how it's done.



This warm-hearted rug puts a room at ease. The braided oval is as mellow as early American antiques, as contemporary as Scandinavian furniture; and blends wonderfully with both. The rug is braided with rug yarn, using three colors. Break with tradition by selecting a bold color scheme. The rug shown is 32 x 46 inches, but can be made as large as your patience and space allow. Free instructions are available by sending a self-addressed, stamped envelope to the Needlework Editor of this newspaper along with your request for Leaflet A564.


Which should you buy ?
A color TV set priced at $359.95 . . .
OR
another unit priced at $429.95?
An automatic washing machine priced at an average of $206.18 . . .
OR
another model priced at an average of $254 98*
An instant-load autoexposure camera priced at $69.95 . . .
OR
another model priced at $119.50?
A radio-phono console priced at $379.95 . . .
OR
another console priced at $499.95?

THE ANSWERS to the questions above show how easily you and your family can lose money each year in your search for quality The fact is that you, like so many others, may be buying virtually "blindfolded." For example:

On the basis of impartial laboratory tests, the color TV set priced at $359 95 was judged better in overall quality than the model priced at $429.95 (Possible saving up to $70 00)

The washing machine priced at an average of $254 98 was judged inferior in washing ability to the model priced at an average of $206.18. (Possible saving up to $48 80)

The instant-load autoexposure camera priced at $69 95 was top rated over similar models priced as high as $119 50 (Possible saving. up to $49 55)

The radio-phono console priced at $379 95 was judged better in overall quality than the console priced at $499 95 and was rated a "Best Buy" (Possible saving up to $120 00)

These "hidden" values and savings were revealed in recent issues of *Consumer Reports* Hundreds of products like these are rated in the latest 448-page issue of the famous *Consumer Reports Buying Guide* A copy is yours as a gift with a one year subscription to *Consumer Reports.*

How these impartial tests are made

Consumer Reports is published monthly by Consumers Union, a nonprofit, public-service organization CU has *absolutely no connection* with any manufacturer and prohibits the use of its findings for promotional purposes It accepts no advertising, no "gifts" or "loans" of products for testing, no contributions from any commercial interest, it derives its income from the sale of its publications to over 1,500,000 subscribers and newsstand buyers all over the U S

Consumers Union's own shoppers buy, on the open market, random samples of automobiles, clothing, foods, household appliances and supplies, photographic and sports equipment, cosmetics, hi-fi components, and most other kinds of products you may be thinking of buying These are tested comparatively by chemists and engineers Each regular monthly issue of *Consumer Reports* brings you the latest findings, with ratings by brand name and model number as "Best Buy," "Acceptable" or "Not Acceptable."

Facts you need for your family's welfare

In addition, *Consumer Reports* brings you a wide range of authoritative—sometimes startling—articles You regularly receive candid, down-to-earth discussions of deceptive packaging practices (with examples cited by name), advertising claims; credit buying and the actual cost of credit . honest reports on vitamins and other drugs . . revealing facts about new, highly promoted gadgets that are often a waste of money.

"Hidden" values and savings discovered for you

Here are a few more examples of the "hidden" values and savings discovered in the CU laboratories·

- a portable circular saw priced at $24 95 was judged better in overall quality than another model priced at $49 95 (Possible saving: up to $25 00)
- a coffee urn priced at $13 95 was top-rated over other models priced anywhere up to $45 95 and was judged a "Best Buy" (Possible saving up to $32 00)
- a stereo amplifier kit priced at $64 95 was judged better in overall quality than a unit priced at $99 95 and was rated a "Best Buy" (Possible saving up to $35 00)

"Read, respected and feared"

The frank reporting of Consumers Union has won wide acclaim *Time* calls Consumers Union "The best known tester of consumer goods in the U S" *Newsweek* says, "The magazine with the most decisive word on the quality of products is probably *Consumer Reports.*" *The National Observer* calls it . "read, respected and feared."

Save $5.10 immediately

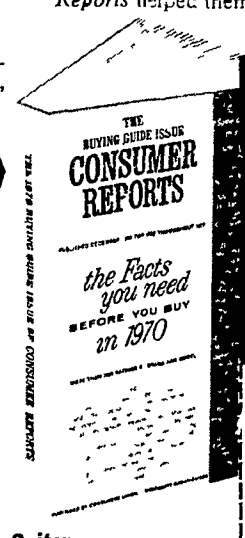
Subscribe now and you will receive as a bonus the brand new 1970 *Consumer Reports Buying Guide Issue* which rates over 2,000 products You will also receive the 1971 Buying Guide when published plus regular issues featuring test reports on food mixers, television sets, 8mm movie cameras, washing machines, raincoats, bench saws, home permanents, stereo receivers, FM auto radios, food waste disposers, loudspeakers, outboard motors and many other products

If purchased separately, all this amounts to an $11 10 value With the coupon on this page, you save $5 10 And your subscription might end up not costing you a cent thousands have told us *Consumer Reports* helped them save up to $100 a year or more.

FREE with your subscription to *Consumer Reports* the brand new 448-page *Consumer Reports Buying Guide* Issue

Partial listing of contents
Many of these products are rated comparatively; general buying guidance is given for all.

Paints
Inexpensive slide projectors
Antenna amplifiers
Audio components
Convertible sofas
FM fringe antennas
Auto cleaner-polishes
Power Tools
Tent heaters
Household timers
Fire extinguishers
Projection screens
Air mattresses
Zigzag sewing machines
Hi-fi stereo kits
Electric toothbrushes
Portable dishwashers
Automatic clothes washers
Recommended used cars
Floor waxes and wax removers
Lawn mowers
Outboard boats
Television sets
Cameras
Fabric softeners
Caulking compounds
Laundry bleaches
Spinning tackle
Camp stoves
Radio-phono consoles
Crib mattresses
Life preservers
Room heaters
Slide viewers
Bacon
Electric vaporizers
Guitars
Boys' jeans
Clothes dryers
Electric coffeemakers
Radios
Vacuum cleaners
Refrigerators



SAVE $5 10 IMMEDIATELY
FROM THE NEWSSTAND PRICE

HERE'S HOW

YOU GET the next 12 issues of *Consumer Reports* including the *Buying Guide* Issue for 1971 when it is published Total newsstand price $8 85

YOU GET the brand new 448 page *Buying Guide* Issue for 1970 now Newsstand price 2 25

TOTAL $11 10

YOU PAY ONLY 6 00

YOU SAVE $5.10

CONSUMERS UNION, P.O. Box **2955** Clinton, Iowa 52732

Please enter my subscription to CONSUMER REPORTS for a full year (12 issues) at just $6 00 and send me the brand new 448 page *Consumer Reports Buying Guide Issue* as a bonus My subscription will also include the 1971 Buying Guide Issue when published Bill me later

NAME _____ (please print)

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

If you wish you may benefit from the reduced rate for two or three years Simply check the period you prefer

You may cancel at any time and receive full credit or refund for the undelivered portion of your subscription

☐ Payment enclosed ☐ Bill me 1—026—12— 1 7 1 6 0

● JACOB MUSSER

(Continued from Page 1)

they don't eat their straw bedding and keep the pens dry Actually, wood shavings make better bedding than straw because they don't eat them," he said

Musser has 5' x 8' pens to house 10 pigs in each section To be eligible for sale, the pigs must have pink ears, nose, eyes and feet A dealer regularly visits the Musser farm and buys the guinea pigs for use in school and college laboratories

The litters are born in a nest made by the sow and the babies are running around within a few hours According to Musser's FFA project record book last year, he weaned 86 out of every 100 of his little charges This shows his good management practices His average net income per sow yast year was $2 98, which takes into account all expenses and includes carrying 60 young sows to breeding age to increase his number of breeders this year

Although guinea pigs are his favorite project, they are certainly not his only one He also has veal calves, steers, capons and sheep He likes farming very much

Jacob Musser is the son of Mr and Mrs Jacob H Musser Their home is located at the corner of Route 322 and Musser Road just south of Blue Ball.

JAMESWAY
Power Choring Equipment

WINTER SEASON SALE

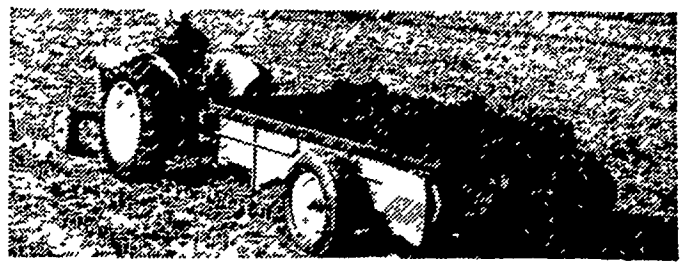
Buy Now and Save!

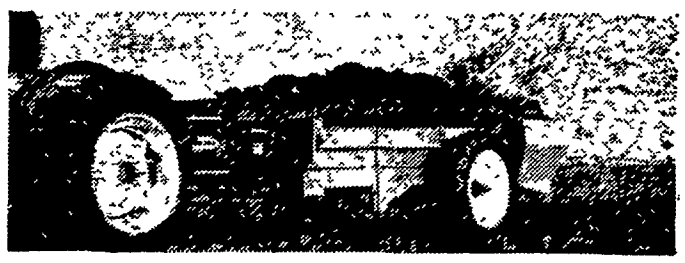
* Winter Season Discount
* New Jamesway Products
* Specials through February
* Free Planning Help

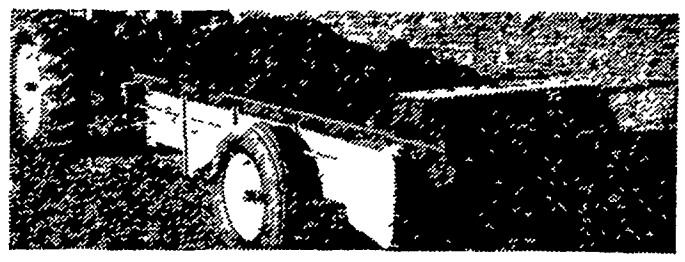
Come in Today for Details.

LANDIS BROS., INC.
1305 Manheim Pike Lancaster, Pa. 17601
Phone 393-3906

WHY DO MORE FARMERS BUY THESE SPREADERS THAN ANY OTHER MAKE?







Because Avco New Idea spreaders are built to last longer and have higher value at trade-in time. Rugged structural steel hitch and enclosed drive mechanism let you spread load after trouble-free load. Extra strong conveyor assures non-stop operation. Choose from 9 PTO models up to 206 bushels big. Written full year warranty on each one. These are only a few of the reasons to buy Avco New Idea. Stop in and let us give you the whole story.

the sign of a Good Dealer
NEW IDEA FARM EQUIPMENT

Little wonder Avco NEW IDEA has been first in manure spreaders since 1899.

Longenecker Farm Supply, Rheems
Chas. J. McComsey & Sons, Hickory Hill, Pa.
Graybill Machines, Inc., Lititz, R. D. 2
A. L. Herr & Bro., Quarryville
A. B. C. Groff, Inc., New Holland
Roy H. Buch, Inc., Ephrata, R.D. #2
Kinzer Equip. Co., Kinzer
Landis Bros., Inc., Lancaster

Retail Farm Markets To Be Certified

A program has been launched to certify Pennsylvania retail farm markets which can meet certain required standards, State Agriculture Secretary Leland H Bull announced today

The certification program, conceived by the State Retail Farm Market Council, will be carried out by a newly-organized Pennsylvania Retail Farm Market Association.

"The purpose of the certification program is to further strengthen the growing appeal to the consumer of retail farm markets owned and operated by agricultral producers," Secretary Bull said

A mail survey conducted by the State Retail Farm Market Council showed that a large number of Pennsylvania farmers operating retail markets favor a certification program, according to Rudy Mohr, operator of Mohr's Orchards, Fogelsville, and chairman of the Council Similar programs are operating in other states, he said

"To be eligible for certification, markets will have to meet certain conditions in the manner in which they operate," Mohr said "There will be both rules of conduct and a code of ethics For instance, approved markets will be required to truthfully list variety and grade of fresh produce They will train sales personnel to be conversant with the types of produce offered and how the housewife can prepare and serve them."

Penna. Egg Marketing Assn. Officers Elected

Officers for 1970 were elected at a recent meeting of the Pennsylvania Egg Marketing Association. They are: President, Frank Troester, Doylestown; Vice-President, John Wenger, Rheems; Treasurer, R. W. Sauder, Lititz; Secretary, E. J. Lawless, Jr., Harrisburg; and the following Directors, Robert Shelly, Worcester, and Ben Burkholder, New Holland.

1970 officers elected for the Pennsylvania Poultry Processors Association are: President, A. Eugene Bailey, Fredericksburg; Vice-President, Paul Swope, Fredericksburg; Treasurer, George Hauer, also of Fredericksburg; and Secretary, E. J. Lawless, Jr, Harrisburg.

Hoffman FARM SEEDS

LEADERSHIP IN HIGH PRODUCING FORAGE CROPS

Hoffman leadership in high yield forage crops was dramatically demonstrated with two new introductions in 1969 — Promor Alfalfa and Funk's 78F Sorghum-Sudangrass Hybrid.

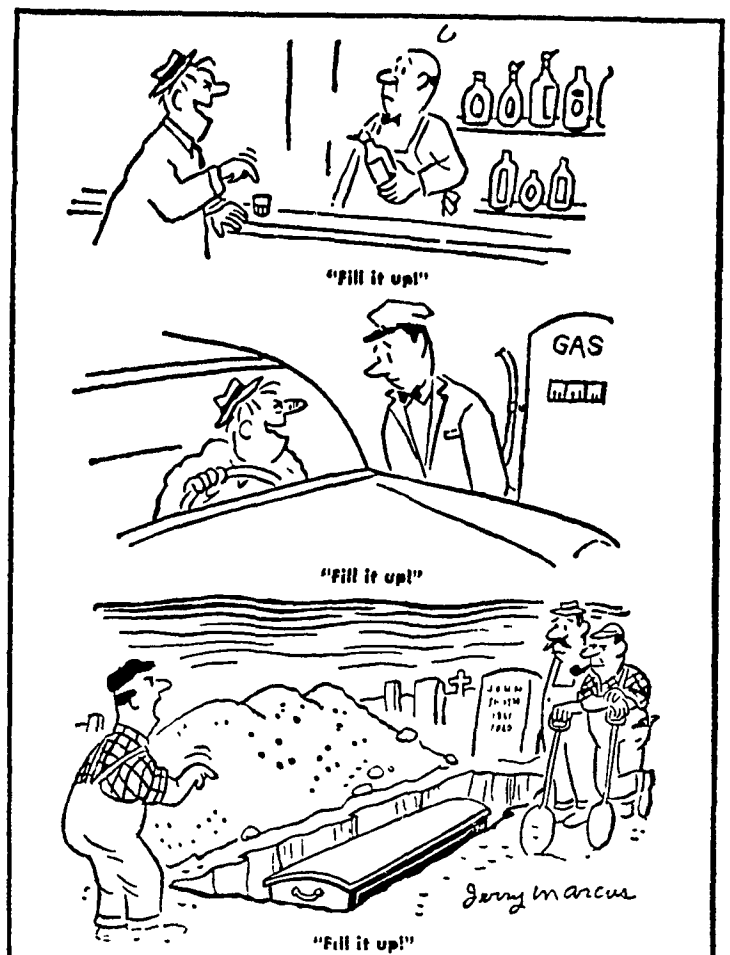
This year a new alfalfa-orchardgrass combination — Top-Potential Formula and two new multi-variety blends . . . Formula 69 Brand Timothy and Formula 70 Brand Red Clover have been developed.

CALL YOUR HOFFMAN SEED MAN

FUNK'S G HYBRID

A.H. HOFFMAN SEEDS, INC.
Located in the Heart of Lancaster County
LANDISVILLE, PENNSYLVANIA 17538
ALFALFA • CLOVER • FORAGE • HAY • PASTURE • FUNK'S-G HYBRIDS

Attitudes & Platitudes — Jerry Marcus



The Travelers Safety Service

Alcohol and gasoline never did, and never will, mix.

Managerial Skill, Savvy Replace Farmer's Green Thumb Technique

Fifty years ago, a successful farmer's most important attribute was his green thumb But today it's more apt to be his managerial ingenuity—his savvy balancing the use of technical know-how with the use of credit and other resources and services at his command.

Like entrepreneurs in nonfarm businesses, the farmer receives components from many sources and puts them together in such a way that the products of his farm are as much a result of mass production techniques as is, say, the latest model car turned out in Detroit

From the landowner, the farmer rents more land

From various suppliers, he buys feed, seed, fertilizer, and pesticides.

From the machinery dealer, he buys or leases equipment.

And from the banker he borrows the money he needs to operate

As a result, more and more farm returns leave the farm in much the same way that a large proportion of the net returns of other industries flow to outside suppliers of goods and services.

Specialization in the use of components supplied by others has also fostered a separation of farming operations into those essentially land-based, such as crops, and those which are land intensive, such as livestock and livestock products.

Except for range livestock and cow-calf operations, most livestock activities no longer need lots of land.

More important to such enterprises as broiler and egg production, beef feedlots, pig parlors, and specialized dairy operations are large amounts of capital and skilled management

These operations, therefore, are losing their farming image and becoming less and less distinguishable from nonfarm activities Without the land constraint there will be greater potential for firm growth. Thus, production of these commodities is most likely to be concentrated in large-scale production units.

And the farmer of the future may well find that on the farm—as has already happened in industry — organized intelligence and managerial ingenuity are replacing ownership as the prime source of power

● Farm Calendar

(Continued from Page 1)

Day, Farm and Home Center

8 00 p m — Estate Planning meeting, Farm and Home Center

Thursday, Jan. 29

12 noon — Mt Joy Farmers' Cooperative Assn meets, Hostetters Banquet Hall.

Sale Register

SAT JAN 24 - 11 00 A M Complete Disposal Sale of Real Estate and Personal Property located 3 mi N of Manheim along Rt 72 Corner of Rt 72 and Elizabethtown Road, ¼ mi S of Elstonville Sale by Christ L. Herr

MON. JAN. 26, 1970—Sugar Loaf Sale, Staunton, Va., Div. of Shalce, Inc.

SAT JAN. 31—9 30 A M Public Sale — 2nd Inventory Reduction Sale of New Tractors and Implements, Used Tractors and Implements by Miller's Sales & Service, Inc., located 17 mi. S. of York, Pa along Rt. 851 in the borough of Stewartstown, York County, Pa.

SAT. JAN. 31—Public Sale of farm equipment located 1 mile south of Bachmanville, Lebanon Co. Terms by Wm. B. Stauffer.

SAT. JAN. 31—11 A M Public Sale of Modern Farm Equipment, Milking Equipment, Heifers, located 1 mile S of Bachmanville, Lebanon County, Pa. Terms by Wm B Stauffer.

WED. FEB 4—9 A M. Martin's Sale Barn, Blue Ball, farm equipment and machinery We sell on commission. Paul Z Martin

TUES FEB 10—Sale by Verna Nissley for Luke Nissley, deceased Clair Nissley Exe on Aberdeen Rd 2 mi N of Rt 230 at Aunt Sally's Kitchen, Elizabethtown, Pa Farm Equipment, corn and hay

WED FEB 18—9 A M Martin's Sale Barn, Blue Ball, farm equipment and machinery We sell on commission Paul Z Martin.

Sale Register

SAT FEB 14—Ralph Byers, near Buck, Lanc Co Pa Farm Equipment See Ad later

THURS FEB 19—Aquilla Stoltzfus, north of Paradise Bank, along old Leacock Church Road, Holstein Dispersal and Equipment, livestock See ad later.

THURS FEB 19—Public Sale of Farm Machinery, Cows and Household Goods located 1 mi West of Bowmansville along the Maple Grove Rd., Lancaster County, Pa. Terms by Edwin Horning.

THURS. FEB 19—11 A M. Public Sale of Dairy Cows, Milking Equipment and Farm Machinery located along Maple Grove Road, 1 mi. W. of Bowmansville, Lancaster County, Pa. Sale by Edwin Horning.

SAT. FEB. 21—John Clymer, south of Willow Street, Pa, just off Rt. 324. Farm Equipment See ad later.

SAT. FEB 21—9 00 A M Public Sale of Valuable Antiques and Household goods located on West Metzlers Road, ½ mi from Metzlers Mennonite Church between Akron and Farmersville, Lancaster Co Pa Terms by Anna L Metzler, Ruth M Bowman and Mary M Hershey, Executors of the Elmer N. Metzler Estate.

Sale Register

THURS FEB 26—Eli B Stoltzfus, 1½ miles south of Strasburg, Pa Holsteins, livestock, equipment. See ad later.

SAT. FEB 28—Art Wenger, 1 mile south of Lancaster. Farm equipment.

SAT. FEB 28—11:00 A M. located 1 mi. East of Blue Ball, along Rt. #897, East Earl R#1, Farm equipment, household goods and antiques by Phares W. and Edna M. Martin.

WED. MAR. 4—9 A.M. Martin's Sale Barn, Blue Ball, farm equipment and machinery. We sell on commission. Paul Z. Martin.

SAT. MARCH 7—10·00 A.M. located 3 miles northeast of New Holland, along White Oak Road Hogs, farm equipment and household goods by Raymond H. Weaver.

TUES MAR. 3—Public Sale of Farm Equipment located along Rt 23, first farm West of New Holland, Lancaster County, Pa Terms by Menno W Hoover.

USDA Compares U.S. Soviet Agriculture

Over five times as many farm workers cultivated about 70 percent more cropland in the Soviet Union than in the U S and got lower yields for 13 out of 16 major crops, according to a report issued today by the U S Department of Agriculture

The report by USDA's Economic Research Service, compares the structures, resource allocations, and performance of agriculture in both countries for 1967 It provides general guidelines for comparing agricultural performance

Soviet farmers sowed 511 million acres, compared to 301 million in the U S Soviet yields for most crops were much lower, the exceptions were cotton, sunflower seed and citrus

Adverse weather in all USSR's main grain growing areas held down yields The U S, which enjoyed timely rains and ideal temperatures, harvested a record crop U S acreages were the largest since 1960 and crop yields were the decade's second highest Soviet yields for feed grains were less than a third of the U S 's, while Soviet food grains yielded 57 percent of their U S counterparts

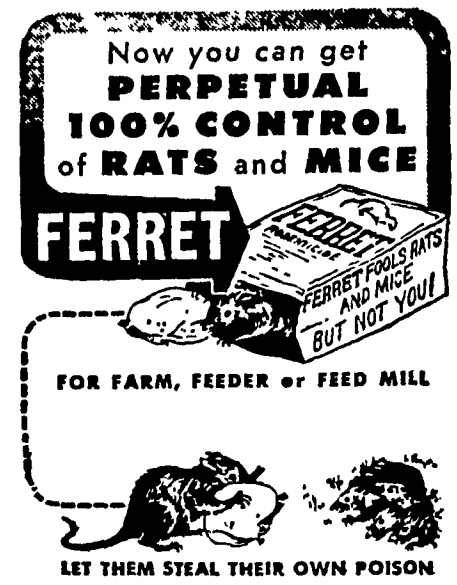
Besides weather, the significant reason that the U S does so much better with fewer farmers and less land is mechanization The Soviets use around one third the tractors and trucks, and two-thirds the grain combines as we do Also, they devoted around a third of the fertilizer per acre, when compared to U S acres

Exercise Stabled Horses

Horses need a vigorous workout for about half an hour each day during the winter, remind extension livestock specialists at The Pennsylvania State University This helps keep his muscles legs, and appetite in good condition

Try A Classified Ad It Pays!

Classified Ad Can Help A Lancaster Farming


Now you can get
PERPETUAL
100% CONTROL
of RATS and MICE
FERRET
FERRET FOOLS RATS AND MICE BUT NOT YOU!
FOR FARM, FEEDER or FEED MILL
LET THEM STEAL THEIR OWN POISON

See Page 7 For SPECIAL JANUARY DISCOUNT

Eastern State Distributing Co.

Lititz, R. D. 2 Ph. 626-8909

NEW AMAZING DISCOVERY!

Now Adapted for Your Home Use, at a Special Low Price!

TESTS PROVE THAT...

THIS MINI-MIRACLE OF A GADGET CAN REMOVE UP TO 88% OF THE CHLORINE FROM YOUR DRINKING WATER.

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WATER PURIFIER

SPECIAL PRICE!

2 for $12.50
or Buy 3 and get 4th one Free!
100% Money-Back Guarantee.

Down with pollution and chlorine! Now you and your family can enjoy fresh purified water right from the tap! Your coffee and tea will taste twice as good —frozen orange juice and instant pop for the kids— everything tastes great when the chlorine's gone!

Just attach it to your faucet and use it for 4 to 5 months! Isn't your family's health and happiness worth 4½¢ a day? Get one for every water tap in your house, trailer, boat and camper. *Now* while the price is so low!

FREE BONUS!

Order now and get four for the price of three—on this special introductory offer.

CALMARK PRODUCTS P O Box 2959, Clinton, Iowa 52732

YES! My family deserves fresh, Imperial purified water!

☐ Please send me 2 Imperial Water Purifiers for $12 50

☐ Please send me 4 Imperial Water Purifiers for the price of 3 . $18 25

I am enclosing $_____, check or money order Handling included (California residents add 5% sales tax)

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CITY_____ STATE_____ ZIP_____ 1—373—12— 1 7 1 6 0

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AT

Waterloo, Iowa

Wednesday, March 18, 1970

Reservations must be made by Feb. 1, 1970.
Ladies welcomed. No children under 12.

Leaving Olmstead State Airport

— For More Information Contact —

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Elm, Pa. Phone 665-2141

Get "LIKE NEW" Performance

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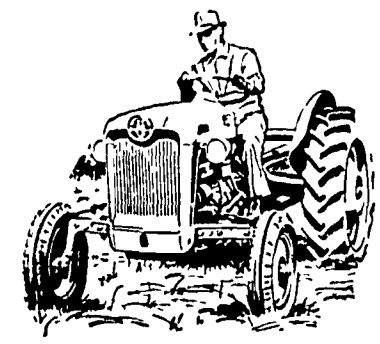

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16	1 12	2 69
17	1 19	2 86
18	1 26	3 03
19	1 33	3 20
20	1.40	3 36

KEYED ADS (Ads with answer coming to a Box Number, % Lancaster Farming): 50c additional.

Ads running 3 or more consecutive times with no change billed at 20% discount with $1 00 minimum.

DEADLINE Wednesday noon of each week's publication.

Sale Register

SAT MARCH 7—10 A M Public Sale of Valuable Farm Machinery, Black Angus Beef Cows, feed, personal property at R D #9, York, Pa in Windsor Twp on Millersmill Road at the Locust Lane Farm Terms by John Jermyn and Mary D Jermyn

SAT MARCH 14 — Annual Spring Sale of Farm Equipment and Livestock, located between Alleghynville and Maple Grove in Berks County, by Samuel Schlough and Sons

SAT. MAR. 14—Public Sale of modern Allis Chalmers farm equipment located four miles west of Elizabethtown, near Goods Church. Sale by John M. Nissley.

SAT MARCH 14—10 30 A M Public Sale of Dairy Cows and Farm Machinery located 9 mi S of Lancaster off Rt. 272 or 222 -1 mi E. of Smithville, 2 mi. S of Refton, 2 mi. W. of New Providence along Pennsy Rd Sale by J Landis Kreider

TUES. MARCH 17—at 10 A.M. 40 head of dairy cattle, full line of farm machinery and household goods, located 2 mi. north west of Manheim on Old Line Road, turn west on Colebrook St in Manheim. Terms by Roy B. Boll.

WED MAR 18—9 A M. Martin's Sale Barn, Blue Ball, farm equipment and machinery, We sell on commission Paul Z Martin.

SAT. MAR. 21, 1970—Black Gold Farm's Sale, Forest River, No. Dakota.

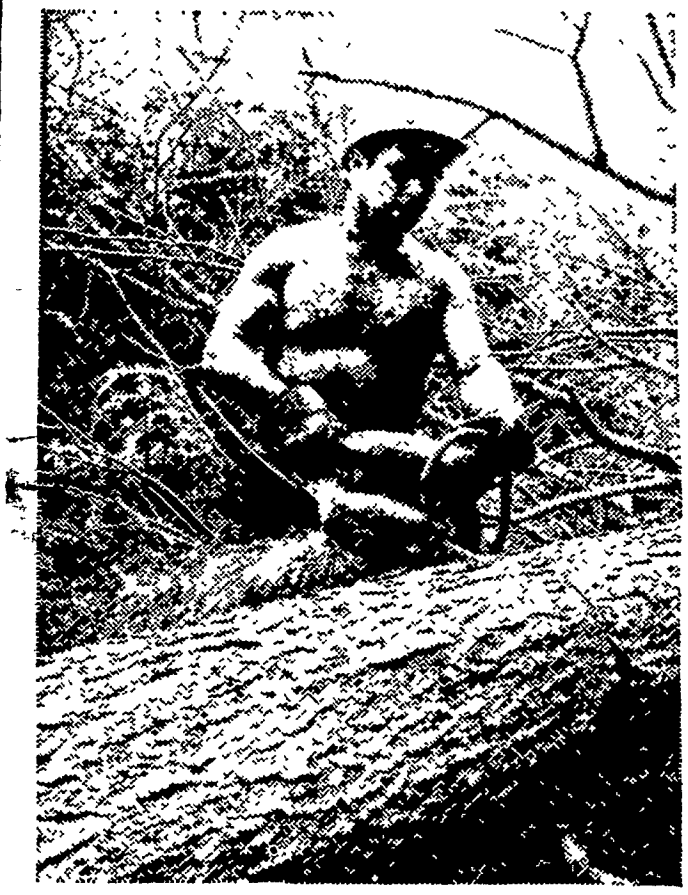
SAT MAR 21 — Public Sale of Farm Equipment located along Rt. 322 between Lincoln and Clay, opposite Blue Bell trailer court, Clay Twp Terms by W Lloyd Diem.

THURS MAR 26 — 11 A M Public Sale of Valuable Farm Machinery at R D #12, Hellam Branch, approximately 1 mi S of Hellam, Pa on Hellam to Yorkana Road in Hellam Twp Terms by Howard M. Emig.

MARCH 28—Public Sale of Farm Machinery and Furniture for M David Brubaker, 1 mi. W. of Donegal High School, ¼ mi S of Kraybill School on Kraybill Church Rd, R D #1, Mt. Joy

FREE. Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 25 words, All advertisements must be in our hands by Thursday noon or same will be held over for next week's paper; No business advertisements accepted.



MADE IN PENNSYLVANIA PAPER

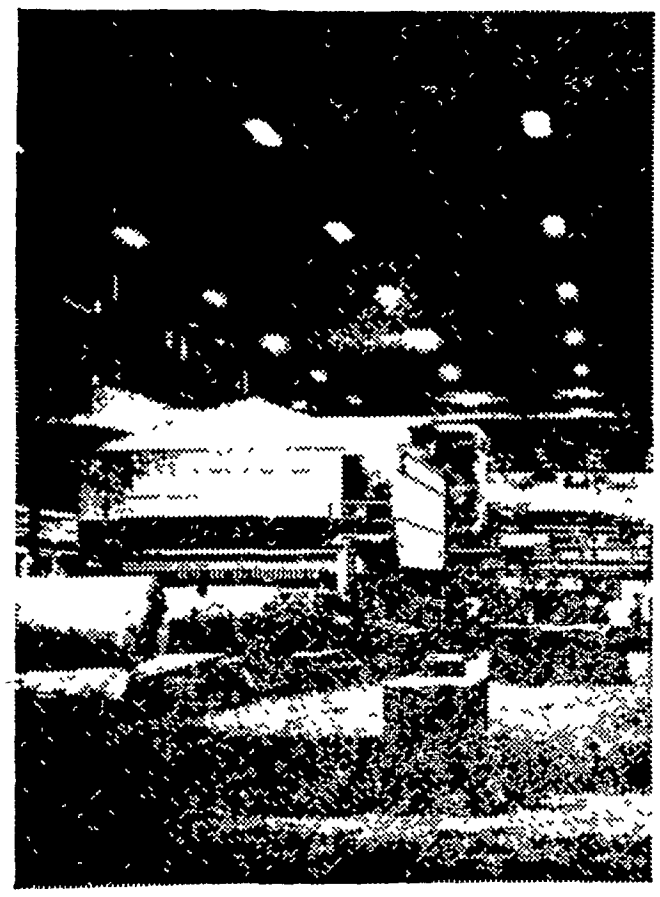
Paper making begins in the forests.

The logs float down a Maine or Pennsylvania river to a pulp and paper mill, and after processing, the logs turn into the hundreds of paper and paperboard products in use throughout the world in the form of magazines, newspapers, books, paper bags, cartons, dispensers, and countless other products.

Paper with words conveys knowledge; paper with stamps can send a message across the world; paper with string delivers Care packages and children's toys.

Paper manufacture in North America pre-dates the American Revolution. The first paper mill was established in Pennsylvania in 1690. Rags were then the basic raw material of the industry. With the re-discovery of wood as a paper-making raw material, the paper industry started on its way toward becoming one of the major industries in the nation.

In Pennsylvania, 425 firms are in paper and allied product manufacture. There are 40,463 Pennsylvanians employed in this giant industry, who receive a salary of $237,307,000. The value added by manufacture is $481,712,000.



Governor's Committee of
100,000 PENNSYLVANIANS
for the promotion of economic growth

Governor's Committee of
100,000 PENNSYLVANIANS
for the promotion of economic growth
510 South Office Building • State Capitol
Harrisburg, Pennsylvania

I would like to join the Governor's Committee of "100,000 PENNSYLVANIANS for the promotion of economic growth."

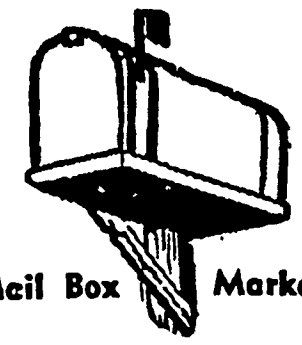
Name:_____

Address:_____

City:_____ County:_____

Occupation:_____

One of a series sponsored by the Pennsylvania Newspaper Publishers Association and presented as a public service as part of this newspaper's participation in the program "100,000 PENNSYLVANIANS for the promotion of economic growth."



For Sale — Miller jet egg washer. Amos L. Keener, Phone 626-6353.

Mail Box Market

For Sale — Poultry farm, capacity 15 000 layers. Remodeled barn, two story cement block house 11 room frame house, hot air heat and bath. Phone 284 4455.

For Sale — 7 foot snow plow. Will fit tricycle-type tractor. Ph. 464-2427.

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Man for farm work, part or full time. No dairying, desirable house available. Neffsville area. Brooklawn Farm. Phone 569-1580.

Wanted — Dairy farmer on shares. Cows and equipment provided. Russelville area. Phone 215-593-6287.

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J. LANDIS BOWERS
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Miscellaneous

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FREE CATALOG—Country Records and Tape Cartridges—Fiddle Tunes-Waltzes-Blue Grass. Uncle Jim O'Neal, Box A-LF, Arcadia, Calif. 91006.

For Sale—MUSHROOM SOIL for your lawn and garden.
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Livestock For Sale

For Sale— Purebred Yorkshire boars, bred gilts and open gilts. Carcass championship bloodlines. Willow Glen Farm, R.D. 1, Strasburg, Pa. Ph. AC 717-786-2562.

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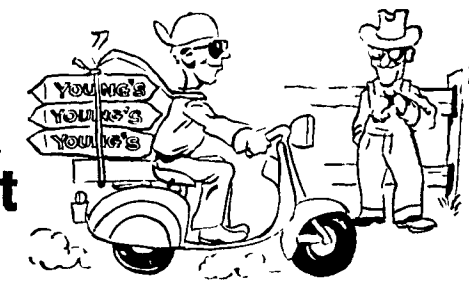
Is this anyway to run a supplement business?



You bet it is!

We deliver direct to you, guaranteeing the freshest, most potently and efficient nutritional supplements available.

Flag down the man from Young's nearest you.

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Young's
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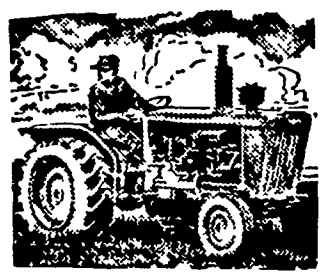
Farm Machinery, Inc.



NEW & USED MACHINERY

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Myerstown, Pa.
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TRACTORS

Oliver 1950, 1850, 1650, 1800, 880, 770, Super 77.
MM-U302, 706, 760, 5 Star
MF-Super 90, 185, 175, 165, 85
Ford-6000, 5000, 4000, 3000, 2000
Case 730, 1030
David Brown-770, 880, 990, 1090

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Truck Load Discounts

Tractor Chains Snow Plows
John Deere Front Mounted Snowblower to *fit 4010 and 4020.*

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Tingley Boots and Rubbers

MEN'S BOOTS
Reg. Price $6.95 Pr.
OUR PRICE $5.99 Pr.

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Reg. Price $4.50 Pr.
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FOR A LIMITED TIME ONLY

I. H. SPOT LIGHT

Free with a complete tractor overhaul job.

TRACTOR CABS
For 706 and 806.
$260.

WE HAVE IN STOCK ALL MAKES
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MANURE SPREADER WEBS
10% Off List Price

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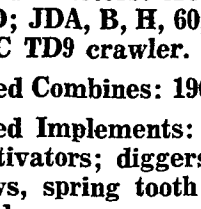

ARMOUR CO.

READING, PA.

We will be glad to look at your hogs & bid you.

CALL AL SHAFFER AT
376-2941. Evenings 779-3847

MILLER'S SALES and SERVICE, INC.

(formerly Miller's Feed and Implement Co., Stewartstown, Pa.)

OUR SECOND
INVENTORY REDUCTION SALE

We will sell the following new and used tractors, combines, and farm implements at absolute public auction (subject to prior sale) at 10 a.m. Saturday, January 31, 1970.

- **New Tractors: JD820D, 1020G, 2510D, 4020D, 4520D.**
- **New Implements: balers; blades, rear; conditioners, hay; cultipackers; cultivators (2 & 4 row); harrows, discs; harrows, spring tooth; harvesters, forage; harvester, potato; loader, manure; mowers; mower-conditioner; planter, corn; plows, 2, 3, 4 & 5 bottom; rakes; shredders, flail; sprayers; spreader, manure; wagons; wagons, forage.**
- **New and used lawn and garden items — also to be sold.**
- **Used Tractors: AC-WC; Farmall A, H, I504G; Ford 841D, 2000D; Fordson MD; JDA, B, H, 60, 720D, 3010G, 3010D, 4010D, 4020D; MF TO35; MH 444D; IHC TD9 crawler.**
- **Used Combines: 1968 JD45 self-propelled (like new); JD12A; 25, 30.**
- **Used Implements: balers; blades, rear; conditioners, hay; cultipackers; cultivators; diggers, potato; drills, grain; elevators; harrows, discs; harrows, spring tooth; harvesters, forage; harvesters, potato; hoe, rotary; loaders, manure; mixers, grinder; mowers; planters, corn; planters, potato; plows 2, 3, 4, and 5 bottom 14 and 16 inch; mounted, semi-mounted and pull type; rakes; shredders, flail; spreader, manure; Sears snow throwers; irrigation pump; Chevrolet Greenbriar Station Wagon; Chevrolet ½ ton pickup; other smaller items too numerous to mention.**

This year's sale will be larger, but everything will be sold the same as last year. Everything is subject to prior sale — sold items will be replaced with other items.

This sale will be held unless there is extremely inclement weather. An announcement of cancellation will be made on WSBA, York, Pa., at 7 a.m. on day of sale if sale will be held a week later on Saturday, February 7.

Don't miss this sale — many did last year and told us they were sorry.

For complete sale listing send for free sale bill and map of location.

Financing and delivery available by prior arrangement and approval.

MILLER'S SALES and SERVICE, INC.

Highway 851 Stewartstown, Pa.
York County's Progressive Dealer
Ph. 717-993-2470

John Deere & Brady
Dahlman Potato Harvesters
Brillion & Lely

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CASE **NEW IDEA**
SALES & SERVICE

New Case 430, 530, 730, 830, Big Savings.

Used Case 430, 630, 830, 930.

Gehl new & used Mix-All Mixers Ask for demonstration, we welcome competition against the performance of this mill.

Case Stalk Shredder
Several Used Spreaders.
NI Cutditioners, a great machine for shredding stalks, next summer terms.
New & Used Backhoes and Loaders
480 Case w/loader, backhoe optional, only 90 hrs.
New & Used Uni Harvesters

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Quarryville, Pa.

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John Deere 4020
Diesel Tractor
New Holland 33 Chopper
Brady Chopper

NEW EQUIPMENT

Ariens Snow Mobiles
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JOHN DEERE TRACTORS — 2010, 4010, 3010, 1010, 2020, 620, 720, 440, G, A, B, M, MT
FORD TRACTORS — 6000, 5000, 4000, 2000
OLIVER TRACTORS — 1800, 880, 770, 88, 77, plus Farmall, Case and Allis Chalmers
Large selection of wheel and crawler tractors. 4-row corn planters, 4-row cultivators. Tractor and horse drawn spreaders, disc harrows, new liquid spreaders at discount prices
CLYDE E KEENER
Intersection of Rt 72 and 230
Phone 717-569-9861

Used Tractors
Massey Ferguson 1100
Ferguson 30 w/loader
International 650
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MF 175
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Leola, Pa. Ph: 656-7702

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For Sale—30 H.P. Sprout-Waldron size 22 Attrition Mill and Cob Breaker. A. Mellinger & Son, Akron, Pa. 717-859-1666

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Oliver 88 Gas Tractor
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Dairy Equipment

200 gal. Griton bulk tank;
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Case 831 Diesel Case-O-Matic
Case 541 Gas Case-O-Matic
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New 3 pt. scrapper blades $75 up.
Special Prices on New Ariens Snowmobiles
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2 NH wagons w/metal beds
JD 70 Diesel Tractor
AC C, WC, WD w/ldr & cults.
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New Idea 207 Spreader
JD 38 Harvester
An assortment of Disc Harrows and Spring Harrows
JD 24T Baler w/#2 ejector
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No finance charges or payments 'til May 1, 1970
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600 Gal. Girton Milk Tank with 5 h.p. Compressor
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Both M.C.D. 1

Special Price on Stainless Steel Wash Vats — Wall Mounted $60.00

We have in stock 6 - 12 can Star Milk Coolers — At Old Price.

1 - 3 H.P. Lehigh Compressor in good condition.
During our Open House week be sure to get your fill of lemonade from the 500 gallon Milk Keeper Bulk Tank.

NOTICE —
We have been appointed Distributor
For both Sunset and Milk Keeper Bulk Milk Coolers.

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CHICKS FOR JANUARY

Raise your own Leghorn chicks. Guaranteed a profitable pullet with good egg laying ability.

Musser Leghorn Farms
Ph. 653-4911

ATTENTION

Would you like to become part of a progressive breeding organization that ships breeding stock world-wide?
If you have good brooding or growing facilities, up to 15,000 square feet, write or call . .

Indian River Poultry Farms
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FLASH!— WE WON!

BABCOCK POULTRY FARM, INC.
Ithaca, New York

Official USDA 2 Year Summary of Random Sample Tests
B-300 Won 1st Place
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Where in the World is Babcock? . .
Wherever eggs are produced at a profit!

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Day old and started pullets

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- WHITE MOUNTAIN CROSS BROILER CHICKS
  BROILER CHICKS WITH TOP PERFORMANCE

HAVING EXCESSIVE LEUKOSIS MORTALITY?

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ANTHONY WHITE LEGHORNS

YOU'LL BE PLEASED
WITH THEIR PERFORMANCE

GEO. M. ANTHONY & SONS POULTRY FARM, INC.
Strausstown, Pa. 19559
Tel. 215-488-6211

IF WE CAN RAISE PULLETS ON OUR FARM YOU CAN DO IT ON YOURS

WE HAVE BEEN SELLING MATURED PULLETS FOR THE PAST THREE YEARS... BUT PRESENTLY ARE SOLD OUT BECAUSE OF A LIMITED AMOUNT OF GROWING SPACE...

WE RECOMMEND THAT YOU BUY
MUSSER'S M-327 CHICKS

IF YOUR ANSWER IS "NO" TO ANY OF THESE QUESTIONS, YOU NEED MUSSER'S M-327 CHICKS FOR YOUR REPLACEMENT NEEDS.

1.

Do you have coccidiosis under control to the extent that you seldom have a minor outbreak of coccidiosis?

2.

Have you been able to raise your pullets over the last few years with a consistent low level mortality rate, while contending with this highly publicized leukosis (Marek's) disease?

3.

Has the mortality and the rate of lay of your pullets in their pullet year been satisfactory, so that you can be assured of a yearling capable of showing a profitable second year?

MUSSER LEGHORN FARMS
Breeders of 2 separate lines of Musser Leghorns, which when crossed, produced the sturdy M-327 Leghorn Chicks that you have been hoping for recently.

FOR COMPLETE INFORMATION ON THE M-327
CALL COLLECT AND OUR REPRESENTATIVE WILL CONTACT YOU.

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1916 — 54 YEARS — 1970

Box 116, Mount Joy, Pa. Ph: 653-4911

Lancaster Farming

SECOND SECTION

ASCS NEWS

1970 WHEAT & FEED GRAIN PROGRAMS

Enrollment in the 1970 wheat and Feed Grain programs will open February 2nd and continue through March 20th. Notices of allotments, bases, yields and payment rates, will be mailed to all farmers on January 29th

Farmers with a Feed Grain Base (corn, barley and grain sorghum) can earn price support and diversion payments by enrolling in the program

Minimum diversion is 20% of the base and makes the farm eligible for price support on feed grains grown, up to 50% of the base. Farms with a base of 25 acres or less, earn payment on the minimum diversion. All farms earn diversion payment on acreage diverted above the minimum. Maximum diversion is the larger of 25 acres or 50% of the base, not to exceed the base.

By diverting an acreage equal to 30 3% of the wheat allotment, farmers can earn certificate payment on wheat planted, up to 48% of the projected production of the allotment.

They can also earn diversion payment for any part of the allotment not planted to wheat Maximum acreage that can be diverted for payment is the larger of 50% of the allotment, or the difference between 25 acres and 30 3% of the allotment, not to exceed the allotment

Under either program, farmers must maintain the normal conserving base established for the farm. They must also plant within the applicable base or allotment on all other farms in which they have an interest

Diverted acreage must be eligible cropland.

No advance payments are authorized for wheat or Feed Grain under the 1970 program.

FINAL DATE FOR WOOL APPLICATIONS

January 31st is the final date for wool producers to file application for incentive payment for wool and unshorn lambs sold during 1969.

Applications must be supported by the original sales slip for wool or lambs sold. They must include all sales information and be signed by the buyer. Those for lambs must have a signed certification by the buyer that they were unshorn at time of sale.

AGRICULTURAL CONSERVATION PROGRAM

Limited funds are still available for farmers who want to complete practices under ACP in 1970.

To date, $104,646 has been allocated to farmers who have filed application for ACP assistance.

STATE ASCS CONFERENCE

The Pennsylvania State ASCS Conference for County Committees and office personnel will be held in York on the 27th, 28th and 29th of January.

Help Child Build Safety Habits

Begin the "walking safely" routine when your child is just a toddler, suggests James E Van Horn, extension family life specialist of The Pennsylvania State University When you observe good traffic rules while walking and point them out to your child, he'll begin to store up safety knowledge.

County Farming Now Accounts For Only 6 Percent Of Income

Farming now accounts for only 6 0 percent of total earnings in Lancaster as against 8 6 percent in 1959, according to Economic analysts at Penn State University These and other figures are pointed out in a review of the local economy to be published in the February issue of the Pennsylvania Business Survey, a monthly publication of the College of Business Administration at the University

"The relative prosperity of an area can be measured roughly by per capita income," they say, "and by this measure Lancaster County residents seem to be losing ground even though dollar income is rising For many years area residents have had a higher per capita income than the national average, but that lead is slipping."

In 1965 the per capita figure was 4 per cent above the national average; but most recent estimates put it at 2 per cent above that average. It is now no higher than it was in 1959, in spite of the fact that the dollar figure has risen from $2,211 to more than $3,200.

How Lancaster County fares in comparison with Pennsylvania as a whole depends upon the extent of demand for Lancaster County products as well as upon other factors Steel producers and fabricators are important in the local economy and in 1966 (a year of exceptional steel demand and production), Lancaster's per capita income was 2.7 per cent above the comparable figure for the State More typically it remains less than 1 per cent above the State

Wages and salaries constitute by far the largest part of personal income, and the industrial composition of an area's economy determines to an important extent how personal income develops The Penn State review points ou that the relative weight of various County industry groups as sources of earnings is changing, and that employment is highly seasonal Over the course of a year employment fluctuates from month to month more widely here than it does in any other major metropolitan area in Pennsylvania This is true although one of the most seasonal of all industries, farming, is less important as a source of both earnings and employment than it used to be

Farming now accounts for 6.0 per cent of total earnings in Lancaster County as against 8 6 per cent in 1959 The share provided by wholesale and retail trade has also declined — from 16 0 to 14.0 per cent of the total

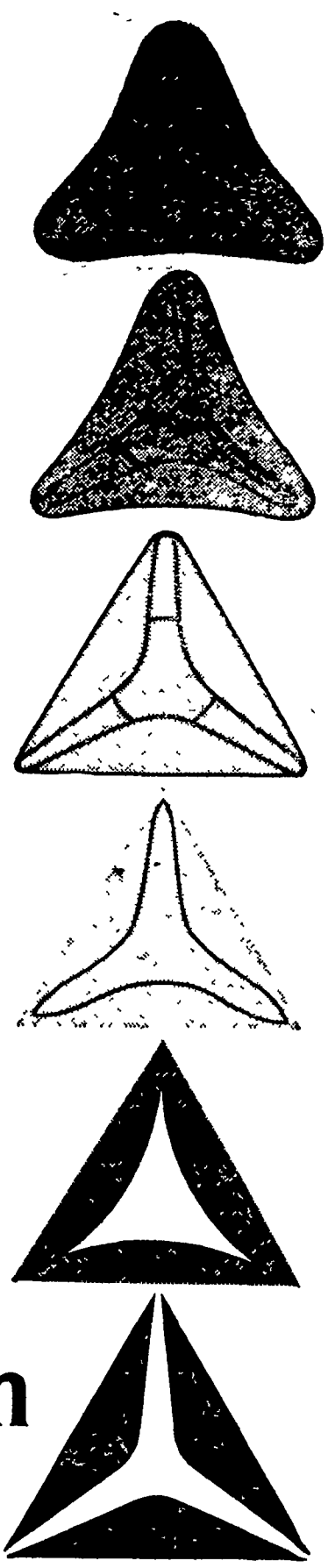
Manufacturing industries have increased their share of total earnings from 45 8 to 47 6 per cent, services from 9 1 to 10.4 per cent, and government from 7 3 to 8 2 per cent

"Compared with Pennsylvania as a whole," the report continues, "this area now depends more heavily upon manufacturing and farming and less heavily upon trade, services, and government to provide wages and salaries than does the State"

The industries that are most important as sources of earnings are not necessarily equally important as sources of jobs. Al-

(Continued on Page 23)

The Story of a Symbol



Back in the days when Commonwealth's first member bank was born, men still wore the colonial hat you see here. Three-cornered, it was fittingly named "the tricorn."

So, when you think of it, it was only natural that we should use the tricorn as the starting point for our symbol.

Sure, we've simplified and modernized it. We've modernized our bank and all its services, and we'd not want you to think we were the least bit old fashioned on the score of service. Still, we must admit, we'll be happy if the massive triangle you see at each of our 28 offices does remind you of the proud history of Pennsylvania. A history, be it noted, that our member banks had no small part in shaping.

The meaning of our symbol doesn't stop there. Obviously its three-part design stands for the three member banks of Commonwealth: The Conestoga National Bank, The First National Bank of York, and The Harrisburg National Bank & Trust Company.

Also, our new symbol has a color. Blue. A color rich in its meanings. It stands for loyalty . . . dedication . . . dependability.

We just thought you'd want to know some of the thinking behind our symbol. We didn't design it casually. When you're in the very important business of taking care of other people's money, you don't do anything casually.

Get to know our symbol . . . and our Bank.

There's more to both than you might think.

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Penncrisp Bleached Celery Popular In Million $ Crop

Bleached celery a favorite winter vegetable in many homes, is a million dollar crop in Pennsylvania Marketed during the winter months, November until late February, it is valued for its yellow hearts and foliage and sweet, nutty flavor

One of the papular varieties of winter celery is Penncrisp, developed by the Agricultural Experiment Station at The Pennsylvania State University The research was carried out by Dr Ernest L Bergman and associates in the Department of Horticulture It is estimated that Penncrisp makes up 30 per cent of the acreage of bleached celery grown in the State

This type of celery is bleached without digging by placing cardboard sleeves or clay tiles over individual plants With the loss of chlorophyll, the process produces yellow hearts and foliage In early November, before the ground freezes, the main crop is dug and stored in earthen trenches

Penncrisp was developed to replace Houser which was long the main variety of celery for bleaching Houser was lost several years ago when seed stocks were not maintained Penn H-46, another Penn State variety, was developed from Houser.

An article describing Penncrisp is featured in the winter issue of "Science in Agriculture," the magazine of the Agricultural Experiment Station This issue, with the article written by Dr Bergman and Dr Guy W. McKee, research agronomist, will be distributed in January

Both Penn H-46 and Penncrisp have excellent keeping quality while stored in trenches Penncrisp also has excellent resistance to early blight, extreme tolerance to conditions causing blackheart — a problem for vegetable growers — and is very slow to "blot" or produce flowers.

Pesticide Pollution Being Studied By Pa. Ag Department

Pennsylvania is joining the U S Department of Agriculture in a three-state study to determine sources of pesticide residues in the Delaware River Basin, State Agriculture Secretary Leland H Bull announced today. The other two states participating in the cooperative study are New Jersey and Delaware

The study will be divided into two phases, Secretary Bull said

The first part, inspecting pesticide manufacturing and formulating plants, will begin January 19 More than 100 plants in Pennsylvania will be visited by state and federal officials to determine if waste disposal or other manufacturing practices are contributing to pollution problems

The second phase will involve monitoring pesticide residues in soil and runoff water Results of this study, Secretary Bull said, should materially aid in reducing or eliminating pesticide pollution of the Delaware River

Objectives of the monitoring program, Secretary Bull said, will be to determine (1) the pattern of pesticide use in the area, (2) levels of pesticide residues in soils of the Delaware River Basin, and (3) amounts of pesticide residues in runoff water from cities, towns and suburban areas, as well as from agricultural and forest lands.

The survey, Secretary Bull pointed out, is part of a national soil monitoring program established by the U S Department of Agriculture It involves more than 13,000 study sites throughout continental United States.

For Matted Velvet

Velvet that has become matted in wear can be steamed to restore the pile, says Mrs Ruth Ann Wilson, extension clothing specialist of The Pennsylvania State University You can hold the matted area over a steaming teakettle or draw the wrong side of the fabric lightly across a hot iron covered with a damp cloth. Gently brushing crushed spots while they are still damp may help the fibers to straighten

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ASX 58 — 105-day class single cross of medium height Moderately upright leaves and slender plant type make it excellent for high populations and narrow rows. Produced a combine yield of 181 bu/acre of dry corn for Spread Eagle Farms in Upper Dauphin County in 1969, 164 bu/acre in Biglerville, Pa. for G L Hartman.

ATC 79 — 112 day 3-way with very stiff stalked characteristics for either medium or high population In three years this Asgrow hybrid has established itself as an exceptionally reliable hybrid for top conditions as well as average conditions

ASC 91 — 115 day Special cross that has shown excellent resistance to stalk rot, makes for easy combining It has shown excellent ability to yield high even under close spacing It has a short fat ear with high test weight kernels. This hybrid produced 181 bu/acre at high populations in 1968 to place 2nd in the State for Machine Harvested entries in Penn State Extension Service 5 acre Club.

ASC 95 — 117 day Special Cross produces long ears filled to the tip with smooth cap, high test weight grows at low or medium populations, An ideal choice for hand picking, ears snap off easy.

ATC 106 — A full season 3-way produces long well filled ears Long, broad leaves and heavy stalk make this a top yielder when used for silage This 3-way was one tenth of a ton below the top silage yielder in 1969 Penn State Official Silage Tests. Excellent blight resistance of this hybrid will insure high quality silage.

A 110 — A 4-way with really good standability and ability to yield well under stress conditions make this an excellent choice for some of that poorer ground. Long ears and broad leaves.

A 122 — A 4-way with medium sized stalks that produces good sized ears at medium to high populations. This hybrid has MDM resistance but can be offered in limited quantities only for 1970.

All of the above hybrids are available in 1970, any grade size, subject to confirmation and will be delivered to your farm at no charge. Call or write to Asgrow Seed Company, P O. Box 8, Mechanicsburg, Pa. 17055 or contact any of the following agents:

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Lancaster Farming Ads Pay

Foam Protects Plants From Early Frost

A new product that resembles shaving cream when applied may help home gardeners and commercial vegetable growers protect their plans against damage from early fall frost, says David Patterson, horticulturist at Longwood Gardens, Pa

Speaking at the third annual Delaware Turfgrass Conference at the University of Delaware, Patterson pointed out that a protein, nonplastic foam (Agri foam) has been developed to protect plants from short periods of cold weather

"Growers are often confronted with an early frost in late September or early October, which is followed by several weeks of frost-free weather," he explained. "If we can protect the plants from this early frost, our growing season could be extended substantially."

Patterson used the foam for the first time last fall Using 200 gallons of material, he covered half an acre of chrysanthemums with a two inch layer of foam

To apply the material, he mixed five gallons of the foaming agent with 100 gallons of water. Air was then added and the foam was produced by forcing the material through a hose and nozzel under 40 pounds per square inch pressure.

The foam will protect plants against most frost, pointed out Patterson In Canada where the product was developed, researchers have measured the temperature under the foam at 38 degrees Fahrenheit when the temperature above the foam was 23 degrees.

There are no problems with residue with this foam, said Patterson. The material will protect plants approximately 18 hours before it starts to disintegrate; then a fine spray of water will wash away the remaining foam.

Future plans call for manufacturing the foam in an aerosol for home garden use

---

Besides stripping tobacco and doing the livestock and poultry chores, the Winter months are a good time to get the farm machinery in good repair I realize the weather doesn't make us feel like Spring farm work but in another 6 to 8 weeks there could be some field action Machinery dealers will appreciate the work now in order to avoid the Spring rush when the weather opens up. Machinery kept in good condition will last longer and not break down when it is badly needed in the field

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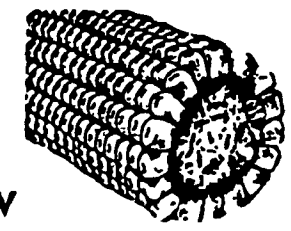

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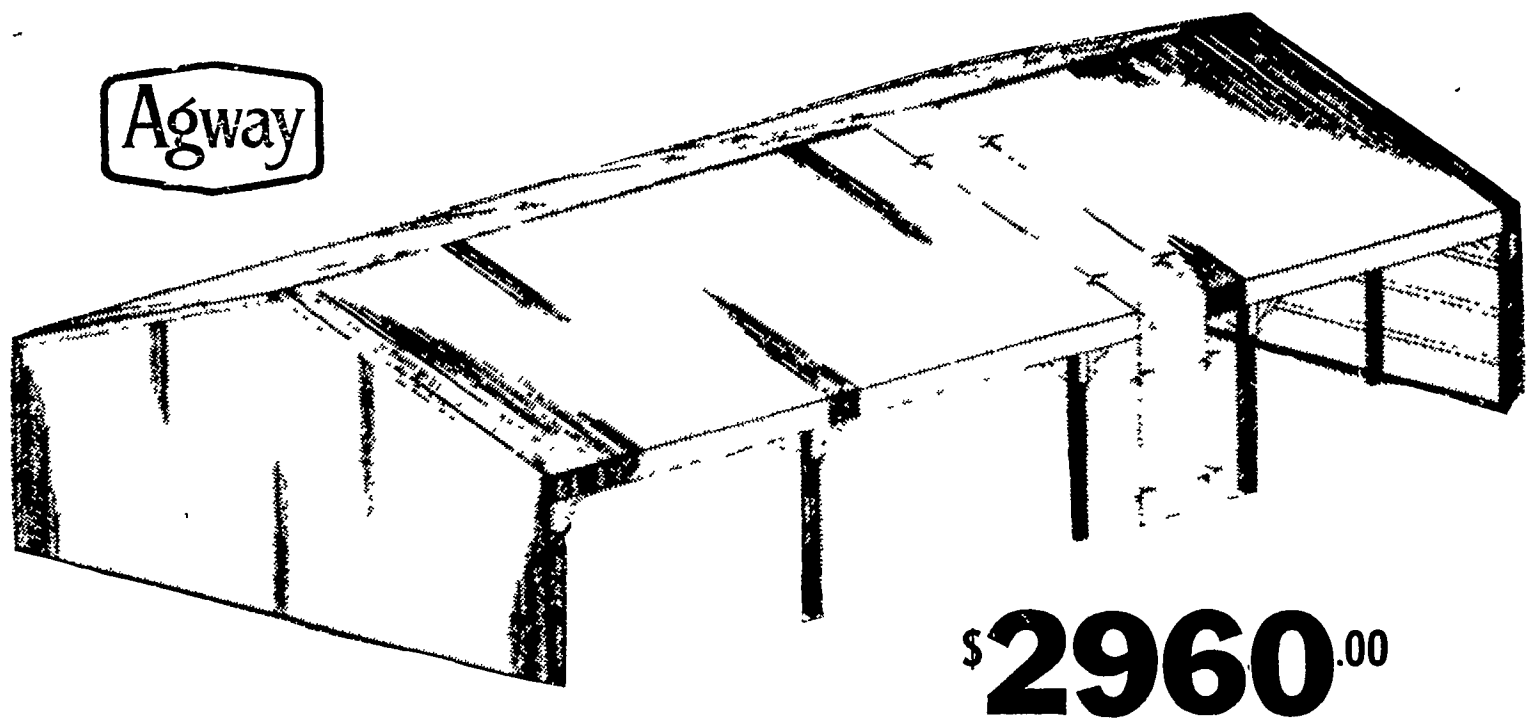

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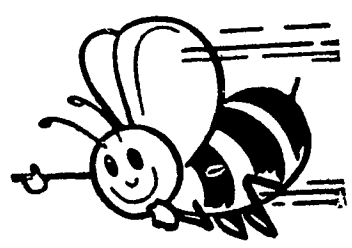

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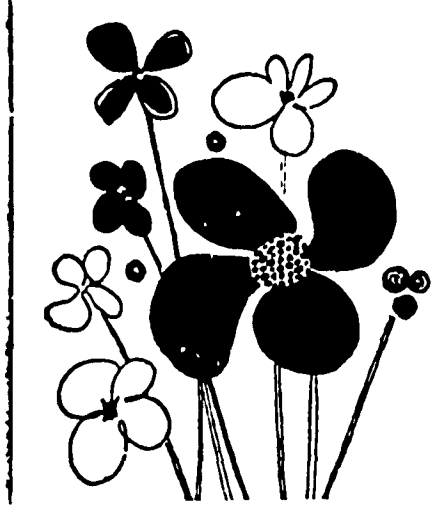

FOR THE
FARM WIFE AND FAMILY

Economical Meat Cookery

by Mrs. Richard C Spence
Lancaster Farming Food Editor

No matter what you call it or what you put in it, stew makes a delicious midwinter meal that's easy on the budget

If your budget is still reeling from holiday spending and high food prices, try to economize on meat and fish Spend a little more time and imagination turning less tender meat cuts into family-pleasing main dishes

For instance, when you make that stew, try a new seasoning — curry powder, ginger mace rosemary, chili powder or dry mustard Sliced black or green olives also add to flavor and appearance

Stews are a good way to introduce a new vegetable to the family since the flavors are all blended together

The less tender and less expensive cuts of meat require slow, gentle cooking in moist heat braising, stewing or cooking with water are the usual methods For braising, first brown the meat, then add seasonings and a small amount of liquid and cook, covered, until the meat is tender

Small pieces of less tender meat are used for stewing More liquid is added than in braising, vegetables are put in during the last part of the cooking

You can cook larger pieces of meat in water as the first step in making soup If you like the "browned" taste, brown the meat just before you add seasonings and vegetables

You will find that shoulder and arm cuts round steaks and roasts breast and shank meat and frozen fish are generally low to medium priced cuts Less meaty cuts such as short ribs and shank can be combined with any kind of dry beans to boost the protein content of the main dish

To get meals out of the mid-winter doldrums try a new recipe Such dishes as sauerbraten, sweet and sour pork short ribs and limas or fish baked with cheese or tomato sauce may well become family favorites

Take advantage of another characteristic of combinations of meat, spices and vegetables Cook them a few hours ahead of time so the flavors have a chance to blend well If you're a working wife prepare the meat the night before knowing your main dish will taste even better because it stood in the refrigerator overnight

Whatever meat, spices or vegetables your prefer, the principles of moist cookery are the same. And, the results are the same, too — a delicious, nutritious main dish that's easy on the budget

* * * *

Here are three recipes featuring economical ground beef —

QUICK BEEF PIE

1 medium onion
1½ pounds ground beef
½ teaspoon salt
1 can condensed tomato soup
2 cups drained, cooked or canned green beans
¼ teaspoon pepper
1½ cups prepared mashed potatoes

Chop onion Crumble beef into large fry pan Add onion and salt and cook until browned Drain off excess fat Add soup, green beans and pepper Cook slowly for 5 minutes Pour into greased baking pan Put spoonfuls of mashed potatoes on top of meat mixture Bake at 350 degrees 20 minutes Makes 6 servings, about 1 cup each

*

MEAT WHIRL

1½ pounds groundbeef
1 cup soft bread crumbs
1 egg
2 teaspoons prepared mustard
1½ teaspoons salt
1 teaspoon prepared horseradish
¼ teaspoon pepper
1 can (8 ounces) tomato sauce
1½ cups (6ounces) shredded Cheddar cheese
1 teaspoon dill seed

In a bowl lightly mix meat, crumbs, egg, mustard, salt, horseradish, pepper and ¼ cup tomato sauce, reserve remaining tomato sauce On wax paper pat meat into a 10 x 14 inch rectangle Sprinkle with cheese Roll from shorter side as for Jelly roll, press ends to seal. Carefully transfer to baking pan, seam side down Bake in a preheated 350 degree oven 45 minutes Pour remaining tomato sauce over meat; sprinkle with dill seed. Bake 15 additional minutes; let stand 10 minutes. Remove to warm platter. Makes 6 8 servings

* * * *

SLOPPY JOE SANDWICHES

1 pound ground beef
1 medium onion
1 teaspoon salt
½ cup catsup
¼ cup mustard

Chop the onion Crumble the ground beef into a heated frying pan Add onion and salt. Cook until meat is browned Stir in catsup and mustard. Cook slowly, until hot Serve on warm buns or bread Each serving will be a half cup.

* * *

SAUERKRAUT

People have been enjoying sauerkraut as long as there have been words to describe it It's produced by allowing cabbage to ferment naturally This is the oldest and safest type of preservation known, since it eliminates any chance of food poisoning

Sauerkraut has almost all the attributes of fresh cabbage. It's an excellent source of Vitamin C, contains appreciable amounts of protein and fat, and a cup of it provides just 32 calories

To keep the full flavor of the kraut, serve it raw or barely heated through For milder flavor, cook it for a longer period of time or blend with other foods such as apple chunks or green pepper sections Rinsing kraut with boiling water produces a milder flavor and shortens cooking time

Kraut may be used in appetizers, soups, relishes, salads, entrees and vegetable dishes It can even be an ingredients in a moist chocolate cake Heated plain or blended with spices, it is an excellent cold weather accompaniment to frankfurters, spareribs, sausages, ham, pork, beef and poultry Combined with meat, fish or vegetables, it becomes an extender for "planned-overs"

Lest you think we're kidding about the chocolate cake, we'll dare anyone to try this recipe It is truly delicious

SURPRISE FUDGE CAKE

1¼ cups sugar
½ cup shortening
2 eggs
Dash of salt
1 teaspoon vanilla
¼ cup cocoa
2 cups flour
1 teaspoon baking powder
1 teaspoon baking soda
1 cup water
1 small can (8 ounces) sauerkraut

Cream shortening, add sugar and eggs, beat well, add salt and vanilla, beat until well blended Sift cocoa, four, baking powder and soda together, add alternately to above mixture with water, blend well Add washed, drained and finely chopped sauerkraut, blend and pour into a greased and floured 9-inch square cake pan Bake in a 350 degree oven about 45 minutes or until done

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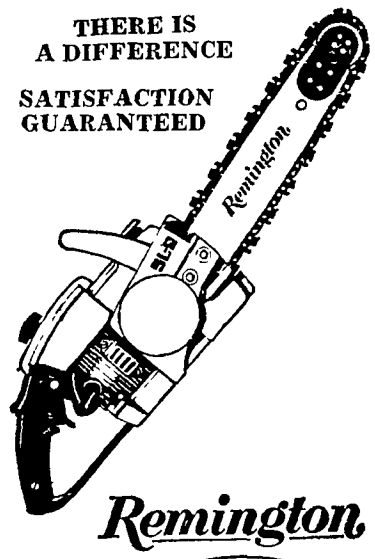

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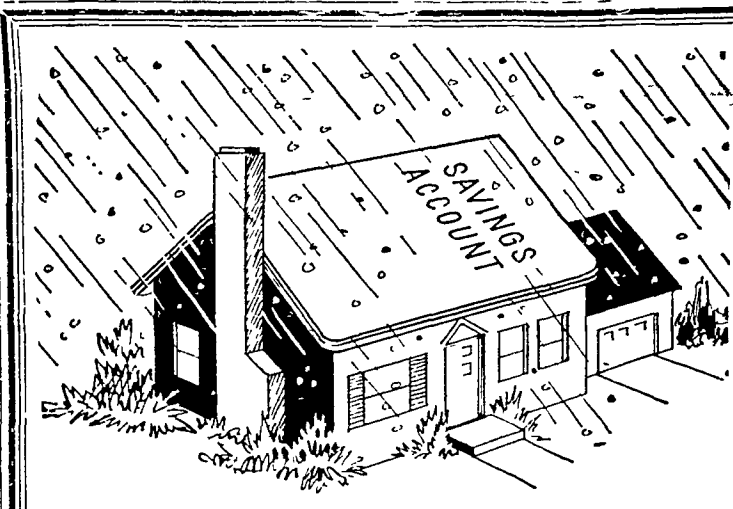

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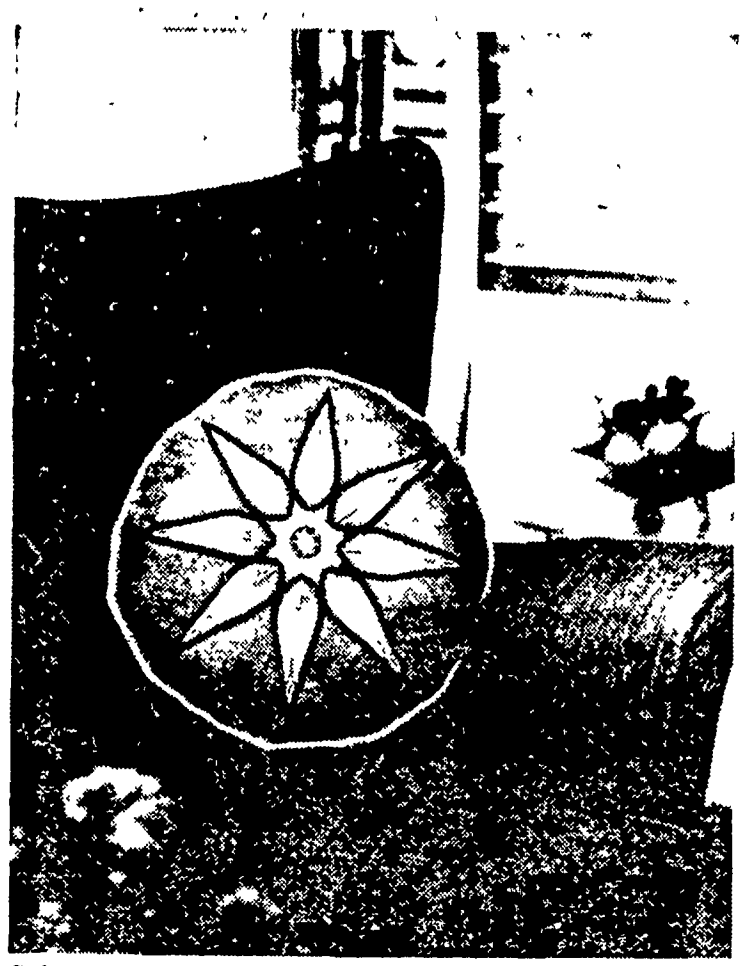


Soft petal a room with this flower-faced cushion The stylized design is in full bloom for autumn The flower is radiantly embroidered on brown linen in red, orange, and yellow six-strand floss outlined in black. The cover will fit a round pillow, 15 inches in diameter. Free instructions are available by sending a self-addressed, stamped envelope to the Needlework Editor of this newspaper along with your request for Leaflet PE 4126.

GRANGE NEWS

Lancaster County Pomona Grange #71 held a dinner meeting January 17, 7 P M at Rhoads Spanish Restaurant, Quarryville Charles McSparran, Master, conducted a business meeting following the dinner and reported on the State Grange Convention held at Lewistown in Oct Mr. and Mrs Loran Brinton gave reports of attending Perry Co. Pomona Grange in Nov.

The resolution committee was Charles L Ambler, Miles E Cochran and S. Ralph Wanner The following resolutions were adopted:

1 WHEREAS, There is before the Pa Legislature a bill to raise the fees for registration of passenger cars from $10 to $20 and the fees for trucks by various amounts depending on their size and weights but by lesser percentages than those of the passenger cars

WHEREAS, We believe that the trucks should pay their fair share of the cost of building the highways as the cost of construction is increased to carry the added weight carried by the trucks

WHEREAS, The auto fees have not been increased for many years but the cost of labor, material, property damages and everything that goes into the cost of construction of the highways, and maintenance of the existing ones, have increased very considerably

WHEREAS, We believe that in order to keep our highways in good condition and to build new ones we need more revenue but not by increasing the fees by 100% Therefore be it

RESOLVED, That Lancaster Co Pomona #71 wishes to go on record in favor of increasing the fees for passenger cars from $10 to $15 for 1970 IF the fees of the trucks are increased by the same 50%

2 WHEREAS The Board of Directors and Professional Advisory Committee of the Lancaster County Mental Health Association have issued an opinion that violent films and programs on television do affect an individual's behavior negatively Be it RESOLVED, That we, the members of Lancaster County Pomona Grange #71, show our concern in this area and recommend better television programs with less violence on all television networks

3 WHEREAS, The small town or rural medical Doctor is fast disappearing from our midst leaving some communities with the nearest Doctor twenty to thirty miles away And

WHEREAS The large city Doctor is inclined to accept patients only by appointment and no house calls, many individuals

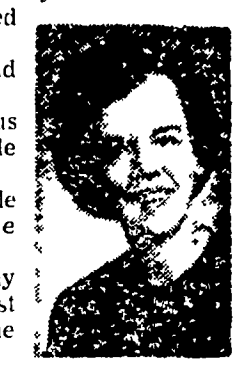
(Continued on Page 20)

Ladies, Have You Heard? . . .

By Doris Thomas, Extension Home Economist

How To Buy At Clothing Sales

Clothing sales may offer an opportunity for you to buy clothing at reduced prices without sacrificing quality But sales also may cause you to buy garments you don't need or really want



THOMAS

Have a definite wardrobe plan to help avoid impulse buying

Learn store policies, find when various items will be reduced, and whether the sale items are returnable

Try to know the original prices of sale items Then compare prices to be sure you're getting real price reductions

When possible, shop the first and last day of a sale The best selection is offered the first day, and further price cuts may be offered the last day

Examine merchandise carefully Check size, color, style, and condition of the garment

Inspect seconds and irregulars They may be good buys unless flaws affect their use

Check guarantees on sale merchandise

Bathroom Safety Tips

To avoid electrical shock, never touch any electric fixture or appliance with wet hands, or while standing in the bathtub, or shower, or in a damp place

If possible, keep radios, electric heaters and hair dryers out of the bathroom

Light fixtures controlled by a metal pull chain should have a nonconductive string attached

To prevent falls, have a sturdy grab rail firmly anchored in the wall at the side of the tub for use when standing or getting into the tub

Be sure curtain and towel rods are also anchored firmly A bather feeling himself falling may grab instinctively for the nearest support which is often the shower curtain or towel rod.

Bathtubs and showers should have a nonslip bottom or floor surface Nonslip adhesive strips can be installed easily or use suction-type mats Bath mats should also have nonslip backing

To avoid cuts, use plastic containers instead of glass ones, which can break if they fall.

Hitting The Spot

To remove grease stains from washable fabrics first rub with a dry cake of soap then wash the garments thoroughly

A small pieces of stale white bread will rub out most ink or pencil marks on clothing that's washable

Try nail polish remover to get the gummy residue of adhesive tape off your hands

Anytime you spill coffee on your clothes, a wipe with a cloth dipped in cold water will remove any marks

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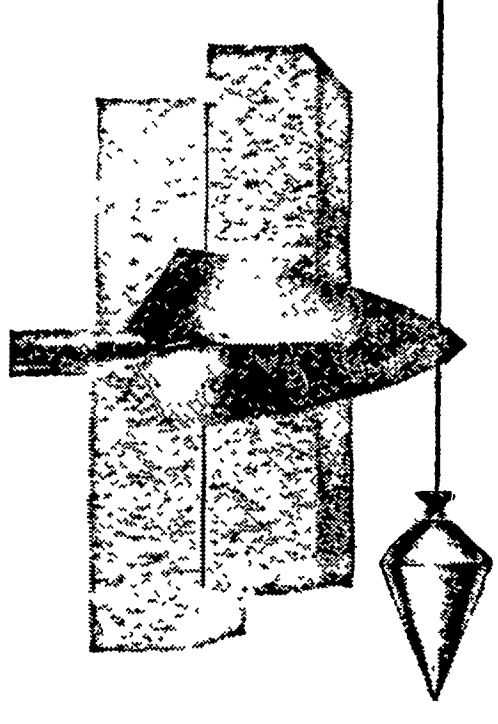

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Pennsylvania DHIA Cows Continue To Set Records

Cows enrolled in the Pennsylvania Dairy Herd Improvement Association milk testing program shattered several existing records this past year which points out that dairymen are continuing to product milk more efficiently.

Data summarized by computers reveal that records were established in milk and butterfat production and income over feed cost.

The DHIA program, supervised by the Extension dairy science section at The Pennsylvania State University, is a production and feed recordkeeping system designed to assist dairymen in improving their feeding, breeding, and management practices. About 167,000 cows in 3,800 herds are taking part in this program.

"The average cow in the program produced 12,723 pounds of milk and 492 pounds of butterfat, breaking production records set several years ago," said Herbert C. Gilmore, Penn State Extension dairy specialist and program supervisor. "Income over feed cost was $484 per cow, up $54 from last year."

Twelve years ago, DHIA became one of the first Commonwealth farm organizations to change over to electronic recordkeeping, the dairy specialist pointed out. Today the association is a $1.5 million a year business Since 1957, more than 22 million cow records have been processed at the Penn State Data Processing Center.

Monroe County herds, for the second straight year, had the highest butterfat production record with 555 pounds. Perry County herds finished first in the state in milk production with 13,984 pounds per cow. Lancaster County leads all counties with the largest number of cows on test — 18,077.

A Holstein herd owned by Thomas R. Williams of Uniondale, Susquehanna County, captured high state butterfat and milk production honors. The 24-cow herd produced an average of 21,964 pounds of milk and 796 pounds of fat.

Six other Holstein herds produced over 700 pounds of butterfat this past testing year, Gilmore said. They are: Dean Hearn of Williamsburg, Blair County, 18,132 milk, 762 fat; G. Roy Ackley of Westfield, Tioga County, 19,916 milk, 734 fat; Sinking Springs Farm of RD5, York, 18,823 milk, 725 fat; Stanley Pruss of Lake Ariel, Wayne County, 17,488 milk, 716 fat; Sam and David Stewart of Delta, York County, 18,346 milk, 712 fat; and Wilbur Hepburn of Montoursville, Lycoming County, 17,618 milk, 703 fat.

The other leading butterfat production records by breeds are:

Ayrshire — Michael Rapuano of Newtown, Bucks County, 14,138 milk and 578 fat.

Guernsey — Guy A. Leader and Son of York, 12,235 milk and 631 fat.

Jersey — Robert W. Ulrick and Son of Quarryville, Lancaster County, 11,163 milk and 594 fat.

Brown Swiss — J. Rohrer Witmer of Willow Street, Lancaster County, 14,073 milk and 615 fat.

Milking Shorthorn — John R. Clark of New Castle Lawrence County, 10,283 milk and 404 fat.

JANUARY POTATO STOCKS 3% ABOVE YEAR AGO

The 3,650,000 cwt. of potatoes in storage on January 1 was 3 percent more than the January 1, 1969 amount. These stocks consisted of potatoes held for all uses in the hands of Pennsylvania growers, local dealers and processors. Potatoes held by processors in excess of normal supplies for current operations were included in the estimate.

Total stocks held on January 1 amounted to 47 percent of production, the same ratio as last year. The 1969 crop of 7,810,000 cwt. was 3 percent larger than the 1968 crop.

Disappearance (sales, home use, shrinkage, etc.) during December was 1,150,000 cwt. compared with 1,000,000 cwt. for December a year ago. Disappearance from time of harvest to January 1 was 4,160,000 cwt. compared with 4,035,000 for the comparable period a year earlier. Movement during December was above average for the month due to high demand for good quality Pennsylvania potatoes. Most potatoes now remaining in storage are storing well.

Koran's Angels

The four great angels in the Koran are: Gabriel, revelation and inspiration; Michael, war; Azrael, the angel of death; and Azrafil, the awakener.

ANNOUNCEMENT

AGWAY DAIRYMAN'S DAY

Wednesday, January 28, 1970

Lancaster Farm & Home Center — 9:30 A.M. - 4 P.M.

"Management Science Comes Of Age"
by Ernie Charron
Manager Farm Planning and Development

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by Dr. G. Porter

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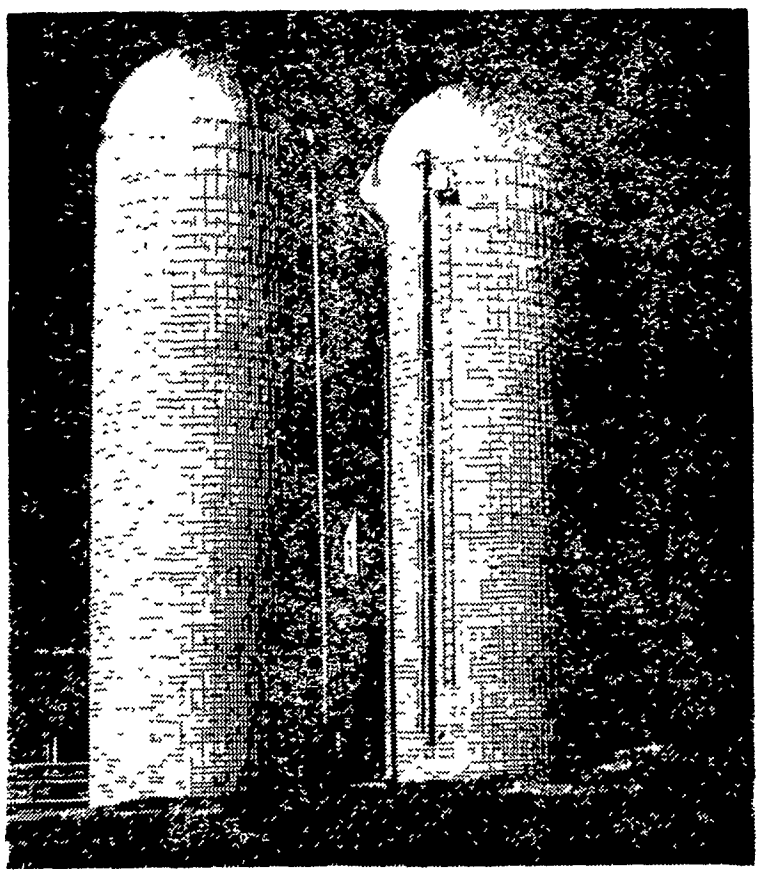

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● County Farming

(Continued from Page 17)

though manufacturers provide nearly 48 per cent of earnings, they provide fewer than 41 per cent of Lancaster County's jobs. They have increased their share of total employment slightly since 1959, and they have added a substantial number of jobs. About 20 per cent more persons earn their living in factories than did in 1959, but some other kinds of industries have made an even better record.

Nonmanufacturing industries (exclusive of farming and self-employment) have increased employment 32 per cent and now account for a larger share of all jobs than they used to do. In 1959 they provided 39.6 per cent of all employment; in 1969, about 43.6 per cent. This record was made even though not all of this group of industries contributed to the expansion. Substantial job gains were made in trade, services, and state and local government; but Federal Government employment has declined and only small increases were scored by the transportation and utility industries by construction and by the finance, insurance and real estate group.

Agricultural employment has declined in both share and numbers. Self-employment has stabilized in numbers, but accounts for a smaller share of the total now than in 1959.

All told, there are now about 23,000 more people at work each month, on the average, in the County than were working at the start of the Sixties. Total employment is running about 138,600, as compared with 115,500 in 1959. This is a gain of 20 per cent, and the Penn State report notes that this is ahead of the gains of most but not all Pennsylvania industrial areas. It is well ahead of the State increase of 12 per cent.

Unemployment is averaging about 2,800 persons a month, a reduction of about 35 per cent from the monthly average of 4,300 in 1959. This is a small reduction compared with the reductions achieved elsewhere in Pennsylvania; but the reviewers emphasize that a small reduction is all that could be expected.

"In 1959 there was much less unemployment in Lancaster County, both in numbers and as a proportion of the labor force, than there was in other metropolitan areas of Pennsylvania."

The area's employment requirements have been met by attracting more people into the local labor force, which enlarged 18 per cent from 1959 through 1969. This was a larger gain than most other Pennsylvania industrial areas experienced, and it was more than three times the gain for Pennsylvania as a whole.

Although the employment level in Lancaster County is high, there is some evidence that in many industries it is not very steady over the course of a year. On the whole, employment can be expected to fluctuate by more than 5.5 per cent simply because of the nature of business activities in the County. In Pennsylvania these fluctuations amount to no more than 4 per cent. In addition, wide seasonal fluctuations are characteristic of both the manufacturing and nonmanufacturing sectors of Lancaster County industry. The variation over the course of a year is 2.9 per cent, compared with 1.8 per cent for the State. As a group the manufacturing industries in the County vary nearly 5 per cent, as compared with less than 4.5 per cent in the State.

The analysts say that the distribution of industries in the County for years has insulated local employment very well from the worst shocks of recession periods, but the area seems to be depending more heavily now than in the past on industries that have a very decided seasonal pattern of operations. This not only introduces instability into employment conditions but it could be one reason why this area's favorable position with respect to per capita income seems to be slipping a bit.

"Industries that use a great deal of part-time or temporary help tend to be low-paid, and part-time pay checks are comparatively small no matter how high the hourly rate of pay.

"Part of the problem with per capita income, however, is simply that Lancaster County is in the eastern part of the United States and other parts of the country have been growing faster. Compared with some other areas of Pennsylvania, Lancaster enjoys a fortunate location. The southeastern part of this State is in one of the best growth areas in the East, but location has not been the only reason for the County's economic achievements."

For Healthy Teeth

You help your child to build healthy teeth when you serve him well-balanced and adequate meals, say extension foods and nutrition specialists of The Pennsylvania State University. Use a variety of foods with special emphasis on raw fruits and vegetables and restrict sweet snacks between meals. Keep in mind that good dental health practices should begin in childhood.

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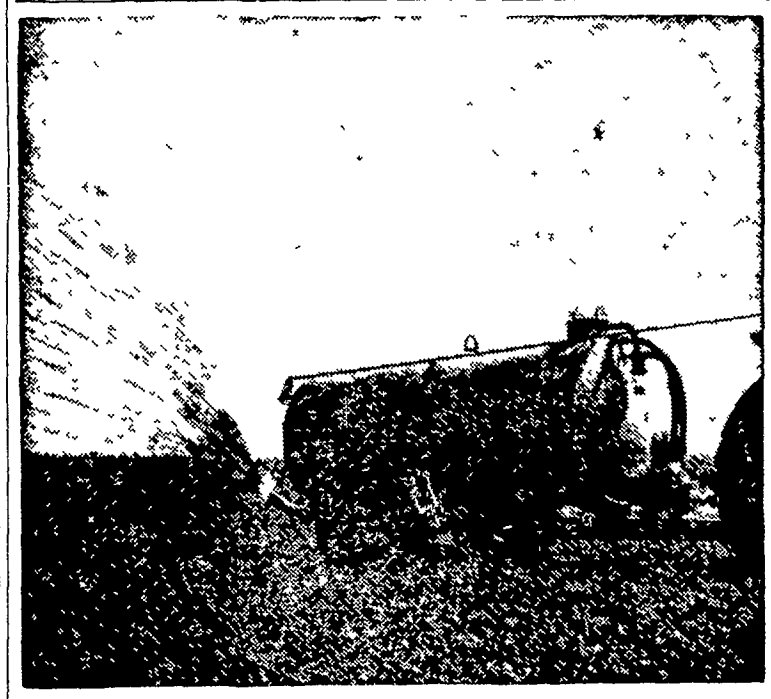

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GRANGE NEWS

(Continued from Page 17)

will be left entirely without the services of a man of medicine. Be it

RESOLVED, That Lancaster County Pomona Grange #71 urge our Legislators to study this problem and institute an incentive program similar to that adopted by several of our western states in which scholarships granted by the State, to students entering the medical profession, be given only if they agree to practice for a specified number of years in rural or small town communities.

A memorial service for Mrs. Lena H Coates, Miss Leeta Drennen Philip Giffing, Mrs. John Galbreath and Mrs Katie Carpenter was conducted by the Lecturer, Mrs Charles McSparran. Piano prelude "Down De Road" from The Largo Of The New World Symphony by Mrs. Richard Jackson. Meditation by Lecturer. Scripture reading and prayer by Chaplain, Melvin C. Boyce; Poem "Crossing The Bar" by Russel Hartsoe; vocal solo "One Sweetly Solemn Thought" by Mrs Virginia Beck. Decoration of Altar by Mrs. Joseph G. Hess, Mrs. Gyles Brown, Mrs. Norman Wood, Mrs Clifford W. Holloway Jr. and Mrs. Ira Welk; Benediction by Chaplain.

Norman Maule assisted by Mr. and Mrs. Harry T. Woodward and Mrs. Irene Povelones of Chester Co. and Mrs. Richard Holloway, Mrs. Virginia Beck and Mrs. Richard Jackson installed the following officers: Master, Gyles H. Brown of Peach Bottom; Overseer, Clifford W. Holloway Jr; Lecturer, Mrs. Jesse Wood; Steward, Thomas Galbreath, Chaplain, Miles Cochran, Treasurer, Norman Wood; Secretary, Mrs Charles McSparran, Gatekeeper, Richard Maule; Ceres, Miss Elaine Galbreath; Pomona, Mrs. Joseph G Hess; Flora, Mrs Chester Todd Jr., Lady Assistant Steward, Mrs. Stanley Stauffer Jr.; Executive committee member, S. Ralph Wanner and Finance committee member, David Wissler Alfred Wanner Sr. was elected to fill an unexpired term on the Executive committee.

The following committees were appointed: Membership — Richard Maule, Chester Eby and Clifford W Holloway Jr; Youth — Alfred Wanner Jr., Miss Sylvia Shirk and Henry Wenger, Women's Activities — Mrs Charles Reath and Mrs Richard Maule. Legislative — Norman Wood, Ralph Wanner and Melvin Boyce Resolution committee for next meeting — C. G. McSparran, Alfred Wanner Sr and Joseph Hess Visitation committee for next meeting — Mr. and Mrs. Norman Wood.

State Grange officials will conduct a regional meeting for Grangers of this area January 27, 7 30 P M. at Fulton Grange Hall Officers and committee members are urged to attend.

A Pomona planning meeting for Pomona officers and committee members, and Masters, Lecturers, Secretaries and committee chairmen of subordinate Granges will be held February 7, 8 P.M. at Fulton Grange Hall In case of a snow storm it will be held Feb. 14.

The next Pomona meeting will be held April 18, 8P.M. at White Horse Fire Hall as guests of Salisbury Grange.

A Lancaster County blue-ribbon square dance team winner from the Pa. Farm Show will perform at the next meeting of Fulton Grange January 26.

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It Pays!

BRADFORD COUNTIAN WINS SECOND TRIPLE TROPHY

A Bradford County hunter, Robert L. Craig of R. D 1, Milan, has won the Pennsylvania Game Commission's coveted Triple Trophy Award for the second time.

The Triple Trophy Award is available to those who take a wild turkey, a black bear and an antlered whitetail deer during the same hunting license year.

Craig took his turkey on November 20, the bear on November 29 and the buck on December 1. All three 1969 trophies were tagged in Bradford County.

Craig previously qualified for the Triple Trophy Award during the 1967-68 hunting license year. Only four others have won the Triple Trophy Award twice.

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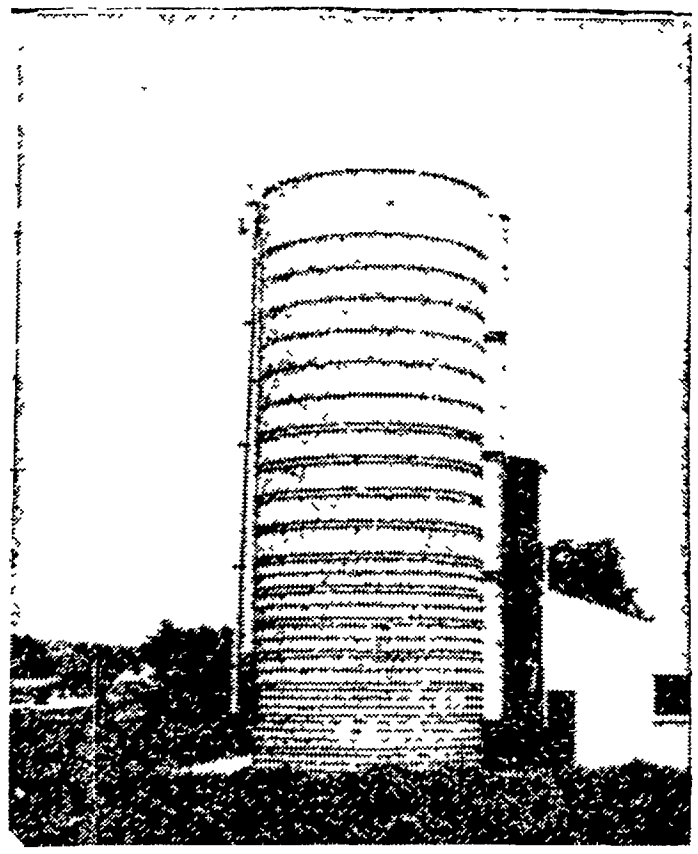

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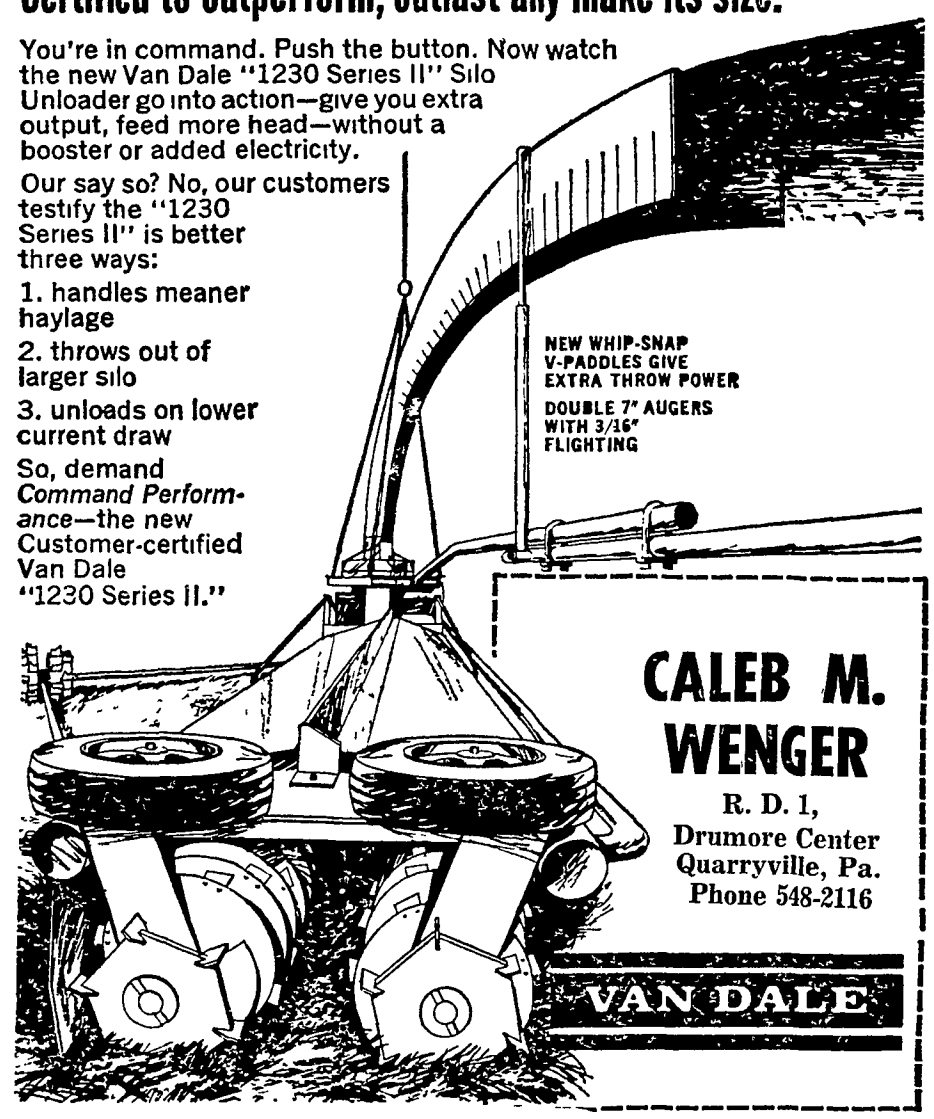

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VAN DALE

Snowmobile Popularity Studied In 7 Counties

Farm and forest lands are undergoing new demands for space to use the increasingly popular snowmobile, according to faculty members in the School of Forest Resources at The Pennsylvania State University.

Stanley B Johnson and Ronald A. Bartoo describe snowmobiling as the newest of many activities emprising the nation's $20 billion per year outdoor recreation To analyze use of snowmobiles, Johnson and Bartoo headed up a study in seven counties of Central Pennsylvania during the 1967-68 season

The survey showed that snowmobiles are mainly operated on private or state lands within or adjoining the county of the owner's residence Private landowners will generally grant permission for snowmobile use, but stipulate restrictions Interviewed were snowmobile owners, dealers, and private landowners in Blair, Cambria, Centre, Clearfield, Clinton, Huntingdon, and Mifflin counties

The snowmobile owner is generally male, married, middle-aged ,and above the national average in education and income He lives in an urban environment and holds a job requiring special skills Snowmobiles are used chiefly for family recreation

The average family used their snowmobile 30 days during the 1967 68 season, with weekend use predominant Ownership satisfaction was considered good to excellent by 89 per cent of the persons interviewed Ninety-six per cent of the people in the sample said they would buy a snowmobile again if they had the opportunity They appear to derive much enjoyment from their machine

Johnson and Bartoo point out that government agencies are anxious to know more concerning the questions of "how much," "who," and "when," to better determine what regulations are needed for snowmobile use There are now about 48 companies manufacturing snowmobiles Sales increased from a mere 2,000 units in 1959 to estimated sales of between 200,000 to 250,000 machines during the 1968 to 1969 seasons

---

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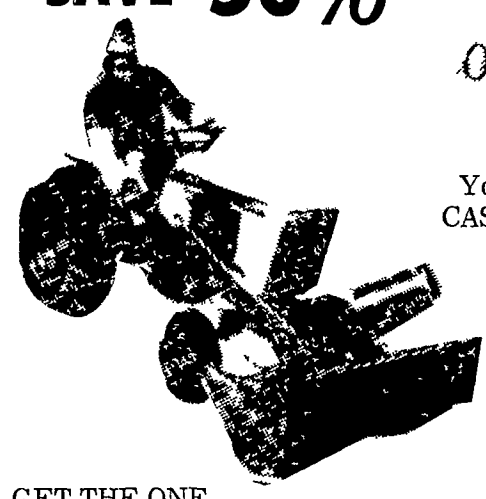

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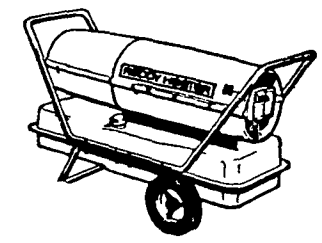

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Feed Manufacturers; Soybean Processors File ICC Petition

CHICAGO, ILLINOIS, JANUARY 14, 1970 — The American Feed Manufacturers (AFMA) and the National Soybean Processors (NSPA) Associations have petitioned the Interstate Commerce Commission for a "Declaratory Order" concerning the current controversy between the railroads and the two industries over claim settlements.

Hubert Bass, Chairman of the AFMA Executive Traffic Committee and of MFC Services, Jackson, Miss., labeled the present claim policies of some of the carriers "intolerable". A. T. Walters, Chairman of the Traffic and Transportation Committee, NSPA said, "the policies of certain railroads are costing the feeding-soybean industries several million dollars each year."

The petition asks the ICC to resolve whether or not current carriers' publications and practices of handling claims on bulk grain and grain products are consistent and in accordance with the rules endorsed by the Commission in 56 ICC 347. (In 56 ICC 347 rules were developed and agreed upon by both parties more than 50 years ago and has served as a basis for settling claims for loss and damage.)

The petition points out the issue evolves from the condition of carriers' equipment. Under ICC rules, the car must be "grain tight, clean and otherwise fit." Many cars have open linings at the top; grain and bulk feed easily lodge behind the linings. A great number of claims have been attributed to this defect Although the shippers have the right to reject bad equipment, it is often impractical because replacement cars will be equally lacking and are often not available due to shortages.

The petition states that some railroads have developed one weighing rule for claim purposes and another for economic purposes. This practice clearly ignores ICC specifications on weighing practices which allows several different weighing procedures.

Some carriers, according to the petition, have adopted the policy of not paying claims for material lost around and through grain doors simply because doors have been installed by the shipper. Again, this is in contradiction of an ICC Note which specifies that, ". . . the carrier is responsible for loss resulting from defects in the material furnished by the carrier or from inadequacy of the carrier's specifications for use of same . . ."

AFMA and NSPA take the position that most rates applying to whole grain apply to grain products and by products When the rates do differ, it is a situation where rates on grain are depressed to meet competitive conditions It has been carrier practice in the past, to recognize ICC rules for grain applicable to grain products and grain byproducts Some carriers' recent policies are not, according to the AFMA and NSPA position, consistent with existing rules

Store of Nails

An excavation in Perthshire, Scotland, in 1961 revealed a store of nails abandoned by the Romans between A D 87 and 90

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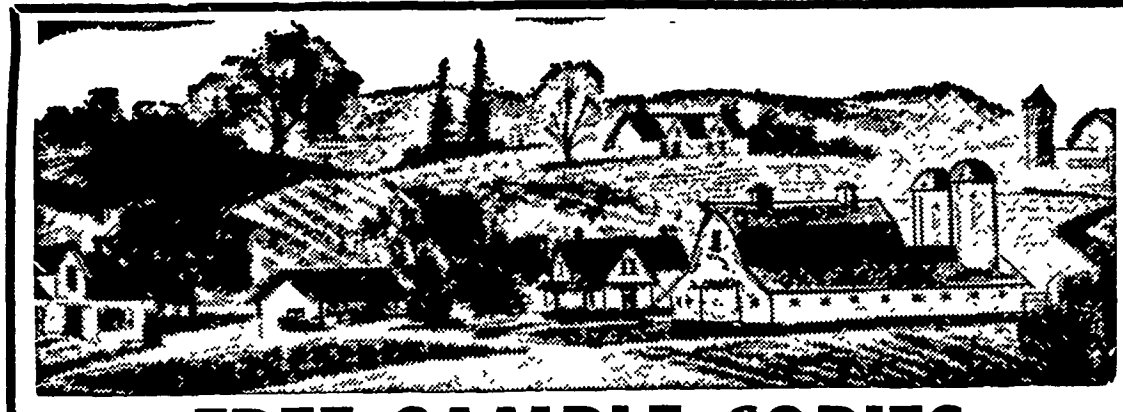

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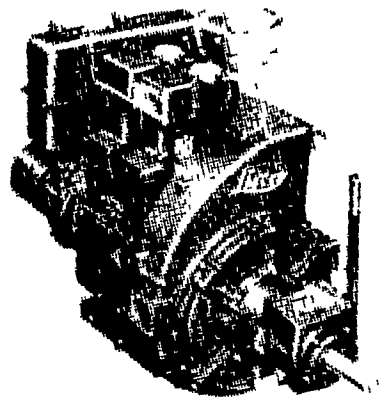

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Economist Predicts $5.45 Average Blend Six-Month Milk Price

Dairy farmers in the New York-New Jersey milkshed, whose prices are set by Federal Milk Marketing Order #2, are expected to receive a blend price for milk averaging $5 45 per cwt (11 7c per quart) for the first six months of 1970. The prediction was made by Chester W Smith, economist for Northeast Dairy Cooperative Federation, which represents some 7000 dairy farmers in the Order 2 production area. (Prices are for 3 5% butterfat content at the 201-210 mile zone).

Smith's forecast, by months, is as follows January $5 85, February $5.75; March $5 54; April $5 34; May $5 13; June $5 09.

Smith said his predicted prices represent an average increase of 12c per cwt over the same period in 1969, and are based on an anticipated increase of 1% in total milk deliveries and a decline of 2% in Class I (fluid) sales as compared to a year ago

"The expected increase in blend prices this year will come entirely as a result of higher minimum class prices under the amended federal marketing order" Smith explained "With Class I (fluid) sales declining and total milk marketing by producers on the increase we would normally expect blend prices received by dairy farmers to decline This is not expected to happen because major dairy cooperatives in this area have been successful in their efforts to secure amendments to the federal marketing order requiring dealers to pay higher prices for milk utilized in fluid (Class I) sales Without these amendments producer blend prices would have declined"

Smith said the Class I price for January has been set at $7.03 per cwt (about 15c per quart) and he anticipates that Class I prices will drop only to about $6 88 for the spring months of April, May and June Class II (manufacturing) milk prices are expected to be near $4 30 per cwt. for the six month period The predicted Class I price level during the period will range from 15 to 30 cents per cwt higher than a year ago, representing an increase of only ½ to ⅔ of a cent per quart of milk for dairy farmers The anticipated Class II price wil be 8 to 12 cents per cwt higher than a year ago.

Smith said "Dairy farmers now have convincing evidence that cooperative efforts have brought significant gains to milk producers and therefore that non members of cooperatives in the New York-New Jersey milkshed should support these efforts by joining a cooperative'

Marketing Service

The cost of marketing affects food prices, points out Catherine B Love, extension specialist in consumer education, The Pennsylvania State University Among the functions involved in food marketing are processing transporting, storing, and distributing All of these are time consuming and require labor, equipment, and space

For Healthy Teeth

You help your child to build healthy teeth when you serve him well-balanced and adequate meals, say extension foods and nutrition specialists of The Pennsylvania State University. Use a variety of foods with special emphasis on raw fruits and vegetables and restrict sweet snacks between meals Keep in mind that good dental health practices should begin in childhood

earn highest rate

5%

COMPOUNDED DAILY

SUPER SAVER CERTIFICATES

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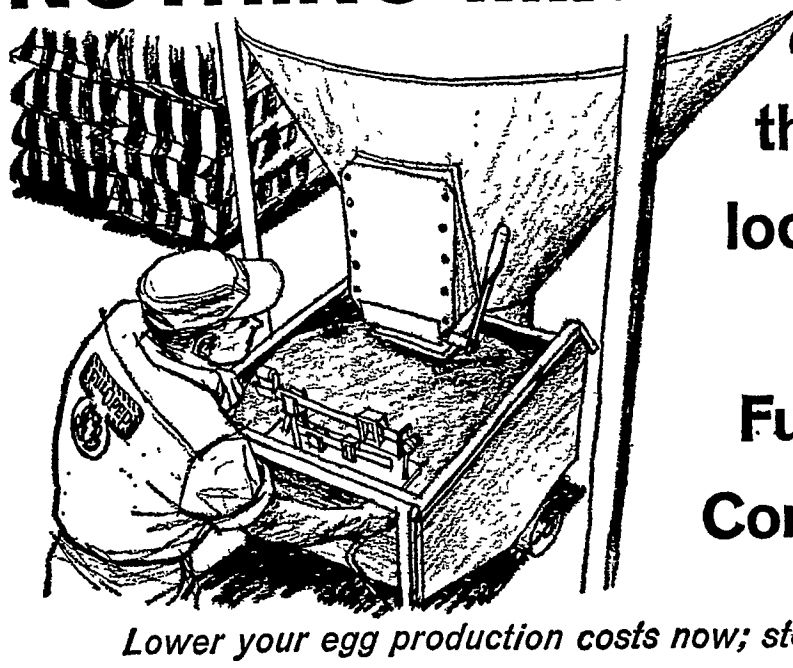
NOTHING MIXES BETTER



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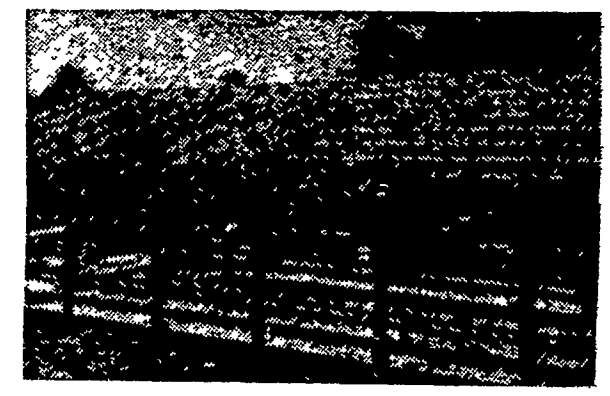

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